

iPhone Cases: Top 10 Fall Picks
PG 76



Mobile Justice: Age of Citizen Journalism
PG 70



Hands On with iOS 9
PG 22

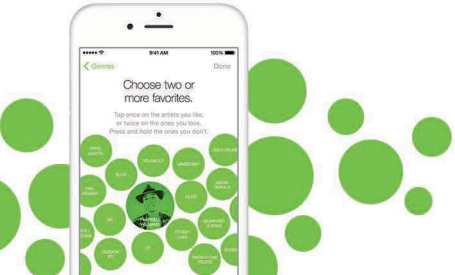
iPhone +iPad Life

Best Apps • Top Tips • Great Gear

IPHONELIFE.COM
SEPT-OCT 2015 VOL. 7, NO. 5



Tackle Life's iProjects



Apple Music:
Can Apple's New Streaming Service Compete? PG 18

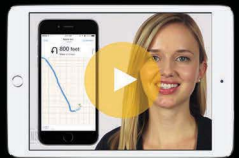
$7.99
10
7 25274 07927 8

iPhone Life

INSIDER

BECOME AN
IPHONE LIFE INSIDER

iphonelife.com/insider



1-Minute Video Tip
Every Day



In-Depth
Video Tutorials



Read *iPhone Life* Magazine
Anywhere



Unlimited Access
to Every Digital Issue



BONUS
Ask an Editor



KERRI WALSH JENNINGS
PRO BEACH VOLLEYBALLER
THREE-TIME OLYMPIC GOLD MEDALIST

INTRODUCING X2.

THE PERFECTION OF WIRELESS SOUND.

AVAILABLE AT JAYBIRDSPORT.COM, BEST BUY, TARGET, REI AND OTHER RETAILERS IN 6 COLORS: MIDNIGHT, STORM, ALPHA, CHARGE, FIRE, ICE.

USA TRIATHLON
OFFICIAL TRAINING HEADPHONES

Official Headphones of the avp

Bluetooth

jaybird

iPhone +iPad Life MAGAZINE

September/October 2015

How iPhone Footage Makes Headlines

page 70



Regular Departments

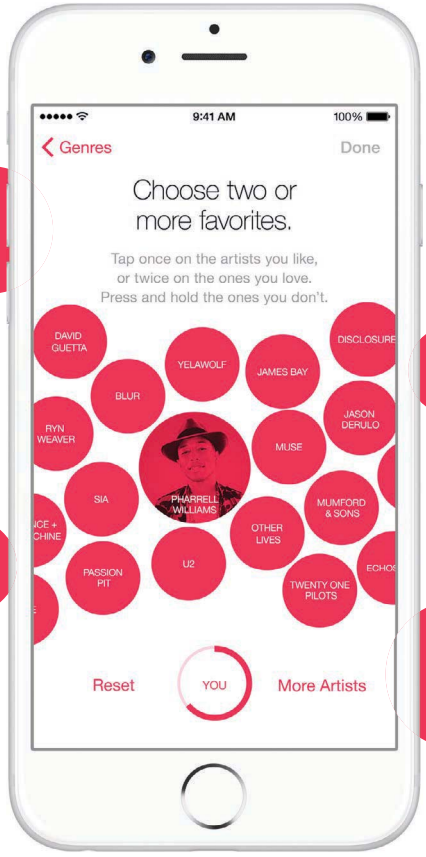
4 Editor's Message
6 iTunes Gift Card Challenge — Mastering a New Skill
8 iStats, News, & Other Tidbits
10 Caption Contest
12 Around the *iPhone Life* Office
14 Photo Contest Winners
16 Staff Picks
80 iView: Long-Term Impressions of the iPhone 6 Plus

iNews

18 Review: Apple Music
The high and low notes of Apple's new music streaming service.
22 All Things iOS 9
The good, the bad, and the ugly of Apple's mobile operating service.
28 WWDC Highlight Reel
Top 4 announcements from Apple's annual developers conference.

The Crux of Apple Music

page 18



THE DIY ISSUE

39 The DIY Issue
Your guide to tackling life's projects with your iPhone.

40 Cooking
10 apps for becoming a seasoned home cook.

44 Macro Photography
Capturing a magnified world with an attachable lens.

48 Smart Dwelling
A beginner's guide to home automation.

52 Mobile Recording Studio
Creating podcasts, online shows, and albums on a budget.

56 Snapping Selfies (Infographic)
A portrait of our society's favorite pastime.

58 Makeshift GoPro
Producing high-definition adventure videos with your iPhone.

60 Instagram Prints
10 fresh ideas for printing your favorite photos on everything.

63 Moneywise
Top 5 apps for increasing your financial know-how.

66 Home Gym
Apps and gear to get fit from the comfort of your home.

68 Garden Plot
Cultivating a green thumb with your iPhone.

Life + Tech

70 The Age of Citizen Journalism
How mobile technology is fueling the news cycle.

Best Apps

74 Using Apple's Health App
A step-by-step tutorial for tracking your health and fitness.

Great Gear

76 Top 10 Fall Cases
A handpicked selection of fall-ready styles.

Top Tips

32 Tips for Managing Your Schedule
10 ways to use Calendar and Reminders to organize your life.

36 iCloud Backup
Learn to use the core features of Apple's storage service.

apicobello/shutterstock

Editor's Message

Finding Your Passion Project



I recently bought my first house and have been experiencing the typical growing pains of a first-time homeowner. I've filled out reams of paperwork, ripped up carpet, painted rooms, hung pictures on the walls, draped curtains over the windows, and even tried (and failed) to grow a garden. With all those hours of planning and labor under my belt, I now feel a much more personal connection to the place I live in and a sense of gratification knowing I was capable enough to tackle the challenges inherent in home buying.

The Idea Behind the DIY Issue

Owning a home is basically the ultimate DIY project—but it's one that never ends. In this issue, we're going to go a lot easier on you. We decided to publish our first-ever DIY issue after realizing just how many ways you could use your iPhone to take your life into your hands. We wanted to go beyond the basic, everyday uses (you have our How-To Guide for that!), and get into ways you could use your phone to tackle all kinds of projects, whether as a professional or a hobbyist.

From gardening and cooking to cleaning up your finances, the DIY issue will equip you with the know-how to accomplish your goals. If you'd like to record a podcast or song, turn to our former editor-in-chief and host of online show *Social Good Now* Alex Cequea as he walks you through setting up a mobile recording studio (pg. 52). For those interested in charting new iPhoneography territory, associate editor Rheanne Schlee teaches you how to use an external lens to magnify your subjects and capture gorgeous details in her in-depth guide to macro photography (pg. 44). She's also put together a guide to printing your Instagram shots on everything from kitchen tiles to throw pillows in order to personalize your space (pg. 60). These articles and many others are designed to help jumpstart your creative process.

Donna Cleveland

Donna Cleveland
Editor in Chief

iPhone Life magazine, donna@iphonelife.com

The Uprising of Citizen Journalists

This issue, I've written a piece in our Life + Tech section about citizens who are using their smartphones to bring police misconduct into the public eye (pg. 70). You need look no further than the videos captured of the tragic deaths of Walter Scott, Freddie Gray, and Eric Garner at the hands of police officers to comprehend the power of such footage. Citizens are taking justice into their own hands by recording police interactions in the heat of the moment, and as a result, the whole world has witnessed cases that might have otherwise been reduced to hearsay.

Share Your Inspiration

I hope this issue inspires you to take on a project you've wanted to tackle but that has seemed out of reach. We love hearing from our readers, so if you have your own DIY story or project discovery to share, reach out to me at donna@iphonelife.com.

iPhoneLife.com



Apple news, tips and tricks, best apps, and more!

iPhone Life magazine

Now available on Apple Newsstand. Download at iPhoneLife.com/ourapp.

Follow Us on Twitter

@iphonelife

Like Us on Facebook

facebook.com/iphonelifemagazine

Get Our Daily Tips



iPhoneLife.com/dailytips

Give your arms a break... tablift®

An entirely new kind of tablet stand



Universal design works with virtually any tablet!

At last, a stand that allows hands-free use of your tablet on a bed, a couch, in a chair, or anwhere. Patented design with independent legs allows for rock-stable stability on any surface. Now you can watch your shows, Skype, read, and browse without having to prop up your tablet on a pillow. Flexible legs fold up to a compact size when not in use.

Available at:

www.tablift.com amazon.com

Compatibility (without cases):

- **Apple iPad** (all generations, full sized and mini)
- **Samsung Galaxy** (all models and sizes)
- **Amazon Kindle** (all sizes of: Fire HD, Fire HDX, Paperwhite)
- **Asus Google Nexus, Vivotab**
- **Microsoft Surface** 2, 3 (not pro)
- Any tablet less than 10mm in thickness (most tablets)

Amazon, the Amazon logo, AmazonSupply, and the AmazonSupply logo are trademarks of Amazon.com, Inc. or its affiliates.

tablift® by nbryte

The iTunes Gift Card Challenge

How would you spend a $50 iTunes Gift Card to learn a new skill?

WINNER

Alex Hadfield
Age: 15
Brigham City, Utah

"I have so many ideas for great apps and games, and I would love to start learning how to bring those ideas to life. I would use the $50 gift card to buy apps that would help me learn how to code."

APPS

Codea
($14.99)
The Codea app is like XCode for iOS. I am always on the go and have an iPad instead of a laptop, so this would be the most convenient tool for coding apps.

Duet Display
($15.99)
Next, I would buy Duet Display, which lets me access my computer screen from my iPad.

Swifty
(Free)
I would download Swifty and pay $4.99 to unlock all chapters to help me learn how to code in swift.

Keynote
($9.99)
Keynote would help me show, plan, and organize my ideas (I am a visual speaker).

TOTAL: $45.96

This is our final iTunes gift card challenge! Thank you all for participating.



Read *iPhone Life* Anywhere!

Available on the App Store

Download for free today
iphonelife.com/app

What's on iPhoneLife.com?

NEWS



AT&T ANNOUNCES NEW iPAD DATA PLANS: $5/DAY, $25/3 MONTHS

For those who only need occasional connectivity, such as during a day trip, AT&T has announced a plan that's $5 per day for 250MB of data that can be used over a 24-hour period.

APPS



TOP 5 PHOTOGRAPHY APPS FOR THE iPHONE AND iPAD

Out of a crowded field, I've distilled a list of my top 5 iPhone camera apps, ones that I've put to continual use, and they've consistently performed well. Read on, some of my top picks may surprise you!

TIPS



TIPS & TRICKS FOR LESSER KNOWN FEATURES OF iOS 8

Humans use only 10 percent of their brains. Actually, that's a myth, but it's probably not a myth that many of us utilize only about 10 percent of our iPhone's capabilities.

GEAR



NEW RUGGED BLUETOOTH SPEAKERS: THE BUCKSHOT AND SLINGSHOT

The sound that this speaker pumps out is plenty sufficient to be heard loud and clear over the sound of a roaring shower, a raging river, or a raucous day at the park.





iStats

News, Stats, Tidbits & More

THE NUMBERS

2 BILLION

Out of the world's population of more than 7 billion people, roughly 2 billion have active social media accounts, according to a report from digital agency We Are Social. That's more than a quarter of the Earth's population!

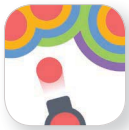
45 BILLION

Online analytics provider Statista projects that worldwide mobile app revenue will reach over $45 billion this year.

WHAT'S HOT IN THE APP STORE



Tworlds
(Free)
The wholesome cousin of Chatroullete, Tworlds, released in February, offers a new way to interact with total strangers. Tworlds connects people who happen to be doing or thinking about the same thing at the same time—hence the tagline, "two worlds, one moment." Simply select a keyword (such as #work, #sad, #travel, etc.) and then snap a photo to illustrate it. Tworlds will combine your moment with a shot from another user who used the same hashtag.



Hue Ball
(Free)
Released in June, Hue Ball is being hailed as a cross-section of pinball, shuffle board, and Flappy Birds. The goal of this unique tap-to-shoot game is to get rid of all the static balls as they grow and take on the form of giant indestructible skulls. Simply aim the canon, tap and hold to shoot a ball, and hope you hit your target. If you don't, the ball you've shot will become another obstacle in your path. The static balls grow with every passing second, and the larger they get, the harder they are to destroy.

UNIQUE PRODUCT

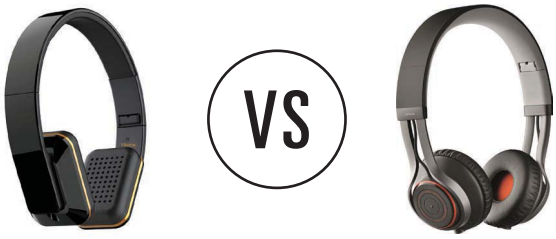


Thync System ($299)
Goodbye, caffeine and sleeping pills. This mood-changing wearable by Thync aims to replace drugs with technology that calms you down when you're stressed and provides much-needed energy when you're tired. How? Well, the triangular device—designed by neuroscientists—adheres to your forehead and uses ultrasonic waves to either relax or stimulate your brain.

FROM OUR READERS

iPhone Pet Peeves
"An annoying trait of many iPhone users is their habit of talking on the phone while riding in elevators. If they are going to use an elevator as if it were a phone booth, they should pay a quarter to each of their fellow riders for the privilege."
-Bill Mearns





Showdown! Wireless Headphones with Touch Control
bit.ly/1V7lsj3
Wireless headphones offer freedom from annoying cords and buttons. This head-to-head comparison of Mee Audio's Air-Fi Touch and Jabra's Revo Wireless headphones looks at how the two compare when it comes to sound quality, comfort, price, and style.



Rumor Has It: the iPod Is Getting an Update
bit.ly/1Spuwf2
Fans of the iPod may have reason to rejoice as rumors of an update circulate. Apple hasn't updated the device since 2013, leading many to speculate that it would soon be discontinued. But then images of iPods in new colors showed up in iTunes 12.2, giving hope to iPod lovers everywhere.



Third-Party Accessories to Get Apple Design Input
bit.ly/1I5ZF5J
Already famous for controlling every aspect of its users' experience, Apple is now taking that control to a new level by co-designing the packaging of third-party accessories sold in Apple retail stores. The new packaging is expected to be similar to that of Apple's own products.

valeriaarnaud/shutterstock
pisaphotography/shutterstock

iPhone Life

PUBLISHER AND CEO
David Averbach • david@iphonelife.com

CHIEF TECHNOLOGY OFFICER
Raphael Burnes • raphael@iphonelife.com

CHIEF OPERATING OFFICER
Noah Siemsen • noah@iphonelife.com

EDITOR IN CHIEF
Donna Schill Cleveland • donna@iphonelife.com

SENIOR EDITOR AND FOUNDER
Hal Goldstein • hal@iphonelife.com

WEB EDITOR
Sarah Kingsbury • sarah@iphonelife.com

ASSOCIATE EDITOR
Rheanne Schlee • rheanne@iphonelife.com

CONTRIBUTING EDITOR
Nina Benjamin • nina@iphonelife.com

ART DIRECTOR
Jaime Thatcher • jaime@iphonelife.com

COVER DESIGN
George Foster • george@fostercovers.com

ADVERTISING SALES COORDINATOR
Marge Enright • marge@iphonelife.com

ADVERTISING SALES SPECIALIST
Janet Joyce • janet@iphonelife.com

CONTRIBUTORS

David Averbach (pages 16, 18)
Steve Boss (page 40)
Alex Cequea (pages 52, 58)
Donna Cleveland (page 70)
Violet Cooper (page 63)
Joe Gass (page 74)
Hal Goldstein (page 80)
Jim Karpen (pages 28, 36)
Sarah Kingsbury (pages 22, 32)
Becca Ludlum (page 68)
Kate Palbom (page 66)
Daniel W. Rasmus (page 48)
Rebecca Santiago (page 76)
Rheanne Schlee (pages 44, 56, 60)

CUSTOMER SERVICE & SUBSCRIPTIONS
For address changes or subscription questions, visit iphonelife.com/customerservice, email customerservice@iphonelife.com, or call 847-763-4940.

CONTRIBUTE
To write for *iPhone Life* magazine or iphonelife.com, visit iphonelife.com/share.

ADVERTISE
To advertise in *iPhone Life*, call 641-472-9962, fax 641-472-1879, or visit iphonelife.com/advertise.

PUBLICIZE YOUR PRODUCT
Send press releases, join our vendor network, and submit products for review at iphonelife.com/getpublicity.

PRINTER
Quad Graphics, 1700 James Savage Rd., Midland, MI 48640 USA 800-448-4288

NEWSSTAND DISTRIBUTION
Curtis Circulation Company, 760 River Rd., New Milford, NJ 07646 USA 201-634-7400

NEWSSTAND COORDINATOR
National Publisher Services 267-252-4093

iPhone Life (ISSN 1949-2015) is published bimonthly, six times a year, Jan/Feb, Mar/Apr, May/Jun, Jul/Aug, Sep/Oct, Nov/Dec by Mango Life Media at 402 North B St. #108, Fairfield, IA 52556, USA. Periodicals postage paid at Fairfield, Iowa, and at additional mailing offices. Subscription rates payable in U.S. dollars, checks drawn on a U.S. bank, or by credit card—one year: $15.97, two years: $24.97. Postage: United States free; Canada and Mexico add $6 per year; outside North America, add $18 per year. Please allow four to six weeks for receipt of first issue. Executive, Editorial, Circulation, Advertising, Marketing Offices: 402 North B St. #108, Fairfield, IA 52556. Telephone: 641-472-6330, Fax: 641-472-1879.
© Copyright 2015 , Mango Life Media, all rights reserved. No part of this publication may be reproduced without written permission. Reasonable efforts are made to provide accurate and useful information, but the reader must make his or her own investigations and decisions; the Publisher and Editorial Staff cannot assume any responsibility or liability for the use of information contained herein.
POSTMASTER: Please send address changes to Cynthia Klaas, Client Relationship Manager, Hallmark Data Systems 7300 Linder Skokie, IL 60077.

Cover Photo Credits:
The following images from ©Shutterstock.com are from the following contributors:
Tool Box: Mega Pixel
Camera Drawing: anfisa focusova
Handcuffed Hands: Noch

CAPTION CONTEST



Illustration by Mikaila Maidment, mikailamaidment.com

YOUR CAPTION HERE

Send us a clever caption for the cartoon above, and we'll feature our favorite entries in the next issue. The winner will receive $25! Send all captions to comics@iphonelife.com.



SEPTEMBER/OCTOBER 2015 CAPTION WINNER

"And all I have to do is follow you on Facebook?"
Submitted by Tom Grubbs

RUNNERS-UP:

"I'm screwing over all humankind, and I don't even get the gold edition?"
Submitted by Matt Binnicker

"Be careful what you ask Siri for!"
Submitted by Kim Lander

Thanks to everyone who sent in their funny captions!

AROUND THE IPHONE LIFE OFFICE

How are you using your iPhone to help with your creative pursuits?



Sarah, Web Editor: My iPhone's camera saved me from a life of crime! I love cooking and baking, and pre-iPhone, I used to rip recipes out of dentist's and doctor's office magazines to take home and try. Now I just take pictures of the pages and leave the magazines intact.



Lloyd Wilcox, Video Editor: This month, I used my iPhone to create an album. I was tired of waiting for my songs to be properly produced, mixed, and mastered, and I felt the urge to just release something. So I used my iPhone's **Voice Memo** app to record guitar and vocals.



David, CEO: Having an iPhone has really helped my photography. With the iPhone 6, I always have a high-quality camera with me even when I've left my SLR at home. This means I never miss a photo opportunity.



Marge, Ad Sales Coordinator: The **Food Network** is my favorite DIY app right now for making awesome culinary creations to wow my friends and family. It has a great selection of recipes listed by category, as well as videos that accompany some of the more popular recipes.



Rheanne, Associate Editor: I love looking through old journal entries. Unfortunately, it's harder to find the time to maintain a journal than it used to be. With the **Day One** app, my journal is always with me, making it easy to write down my thoughts and share brief highlights of my day.



Donna, Editor in Chief: Writing is my creative outlet, and my iPhone is the dumping ground for all of my random inspirations. I use Notes and Evernote to store research and jot down my more coherent thoughts before they evade me.

Read *iPhone Life* Anywhere!



Available on the App Store

Download for free today

iphonelife.com/app

iPhone Photography

Reader's Choice and 1st Place winners will receive the following prizes:



olloclip®

An olloclip Quick-Connect lens solution for the iPhone and iPod touch that includes fisheye, wide-angle, and macro lenses ($79.99 value, olloclip.com).

Photo Contest 1st Place



By Alexia Scott

2nd Place



By Liwen Chang

3rd Place



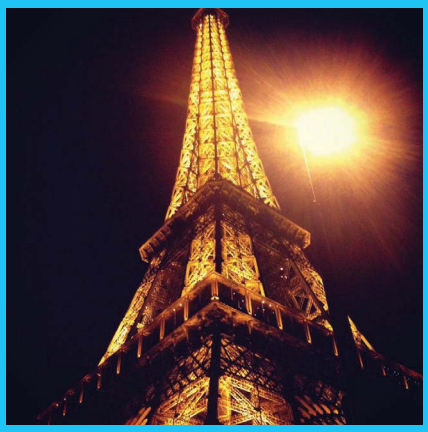
By Zulma Lopez

CONTEST WINNERS



©iStockphoto.com/narchos

Reader's Choice



By Jordan Riva

Want to see your photo featured here? Enter your best shots at iPhoneLife.com/contest for a chance to win. Our editors will choose the top three entries, and our readers choose our fourth and final winner by voting for their favorite images on Facebook. Our Reader's Choice and 1st place winner will receive the olloclip 4-in-1 Lens as well as a spot in an upcoming issue of *iPhone Life* magazine.

Photo Contest Finalists



By Josip Borcic



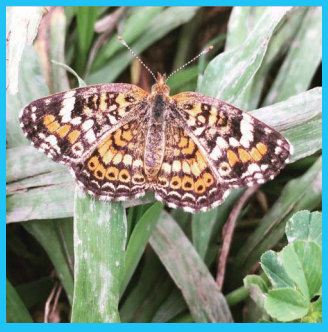
By Mukhtar Ali



By John See



By Dipak Shah



By Tiffany Garcia



By Zulma Lopez



By Damiane Morrison



By Ray Young Jr.

STAFF PICKS

IPHONE LIFE EDITORS SHARE THEIR GO-TO GEAR & GADGETS



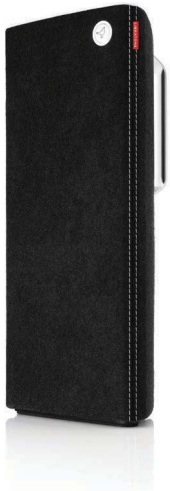
Name: David Averbach
Title: CEO & Publisher
Years at iPhone Life: 5
Apple Products Owned: iPhone 6, iPad Air, Apple Watch Sport, iMac, Macbook Pro, Apple TV, Airport Extreme
Office Quirk: This year, I made a New Year's resolution to learn to juggle pins lit on fire. So naturally, I bring juggling balls with me to most meetings now.



Nest Thermostat ($249): During the Iowa winter, utilities cost an arm and a leg. By learning my schedule and preferences, my Nest thermostat allows me to keep my expenses down and still come home to a toasty warm house. The best part is that I can use the app to turn up the heat without getting out of bed.



Withings Smart Body Analyzer ($149.95): My scale tells me the temperature in the morning, shaving precious seconds off of my hurried morning routine. It also tells me my heart rate, checks the air quality of my room, and even tracks my weight and BMI over time—and it's all synced with the Withings app on my phone.



Libratone Live ($549.95): I'm not going to lie, I have a pair of AirPlay speakers in every room in my house. I chose the Libratone Live set for my bedroom—it looks great with its cashmere cover and Swedish design, and it sounds even better!

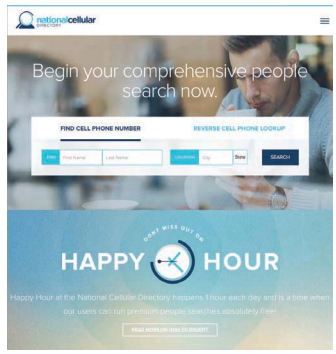


Bodyguardz Crown ($39.99): This screen protector adds almost no extra girth to my iPhone, is strong enough to withstand a hammer, and has the same natural feel as the iPhone's actual screen. It also comes with a thin aluminum rim that covers the tapered edges of the iPhone 6, protecting my phone against "side drops."

SPONSORED CONTENT

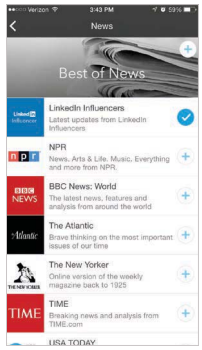
WEB SPOTLIGHT

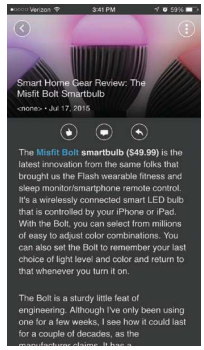
National Cellular Directory
(Starting at $0.99)
It's easy to lose contact with old friends and colleagues. The National Cellular Directory website allows you to easily look up past contacts you'd like to stay in touch with, letting you search either by entering names and cities or old phone numbers via the directory's Reverse Phone Lookup feature. What really sets the National Cellular Directory apart, however, is its unique Happy Hour feature. Happy Hour occurs for one hour each day, allowing users to access premium search features for free. You can access the site from your iPhone, so searching for numbers on the go is a breeze.



FEATURED APP

LinkedIn Pulse
(Free)
Stay up to date with trending stories in your field with this go-to news app that curates content tailored specifically to your professional life. Because Pulse organizes content based off your existing LinkedIn profile, you'll receive news based on your connections and the industry you work for. Above each article suggested for you, you'll find a blurb that explains why it's showing up in your feed. For example, the article could be something one of your colleagues liked. If the content isn't relevant to you, simply swipe it off your screen and tell Pulse you aren't interested in that particular article—Pulse will remember your preferences in the future.





APP SPOTLIGHT

SMS Export Plus
($3.99)
Back up your text messages by saving them to your computer, emailing PDFs and Excel docs to yourself, or printing them straight from your iPhone.

Remote Media Manager Pro ($4.99)
Use this app to wirelessly transfer and manage files between your iPhone, computers, servers, NAS drives, and cloud storage.

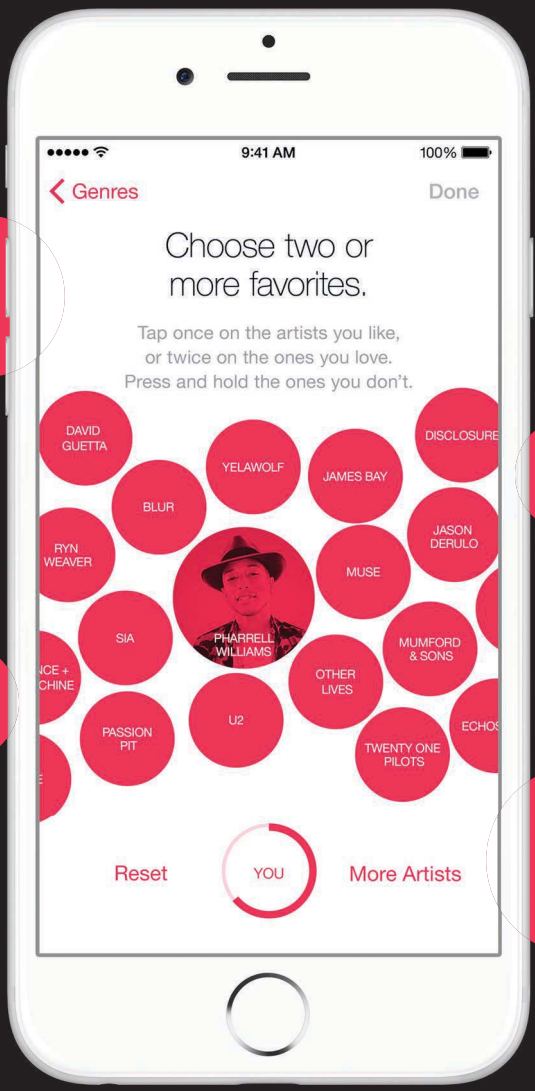
Simply HDR
($1.99)
This app creates realistic and stylized HDR effects with a few simple steps, resulting in captivating, beautifully detailed shots.

Douglas Photo Calculator
($4.99)
This app allows photographers to make quick optical calculations—including depth of field, hyperfocal distance, angle of view, and diffraction.

SQUIRRELED
($0.99)
Help Squirrel prepare for winter by collecting and dividing numbered acorns in this fun math game. With each round, the challenge increases.

Zinio
(Free)
Zinio is the largest digital newsstand in the world. All the major magazine titles (including yours truly) are available as single purchases or subscriptions.

PLAYED OUT


9:41 AM
100%
Genres
Done
Choose two or more favorites.
Tap once on the artists you like, or twice on the ones you love. Press and hold the ones you don't.
DAVID GUETTA
YELAWOLF
JAMES BAY
DISCLOSURE
BLUR
JASON DERULO
RYN WEAVER
MUSE
PHARRELL WILLIAMS
SIA
MUMFORD & SONS
OTHER LIVES
PASSION PIT
U2
TWENTY ONE PILOTS
Reset
YOU
More Artists

WHY APPLE MUSIC ALREADY NEEDS SOMETHING NEW

BY DAVID AVERBACH

When Steve Jobs announced the original iPhone in 2007, he described it as "an iPod, a phone, and an Internet communicator." Music was so important to Apple that Jobs chose to describe the company's flagship device as an iPod first and a phone second. It's easy to forget the critical role that music has played in Apple's historic growth. While the iMac may have been Jobs's first big hit upon returning to Apple, it was the iPod and the iTunes Store that led Apple to drop "computer" from its name and start down the path to becoming the consumer electronics giant it is today. If it weren't for those key products, Apple never would have released the iPhone or iPad. With Apple Music, Apple isn't merely announcing a new service, it is attempting to replace one of the cornerstones of its business.

Apple Music is a product that makes a lot of sense for Apple. Music streaming has already proven successful for services like Google, Amazon, Rdio, and Spotify. Spotify has been the clear industry leader, with over 75 million monthly active users and 20 million paid subscribers. In typical Apple fashion, the company has sat back and watched the music industry evolve while carefully plotting its next move and perfecting its software. Unfortunately, in this case, it may be too little too late for Apple's new service. In my opinion, Apple Music not only fails to differentiate itself from the competition, it actually falls short in several key areas.

HOW APPLE MUSIC FALLS SHORT

Limited Playlists

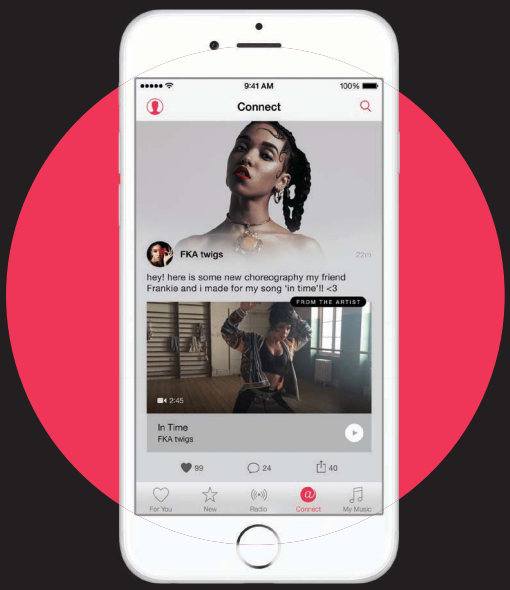
When using a music-streaming service, it's easy to feel unsure of where to start. It turns out that the ability to listen to (almost) any song in the world is a bit overwhelming. Therefore, a defining feature of any music-streaming software is

how well it facilitates the discovery of new music.

The playlist is one of the most useful tools for music discovery. When Apple senior advisor and former Beats Audio CEO Jimmy Iovine announced Apple Music, he spent quite a bit of time hyping up its playlist functionality. "The only song as important as the one you're listening to at that moment is the one that follows it," he said. "You need a human touch, and that's why at Apple Music, we're going to give you the right song, the right playlist, at the right moment."

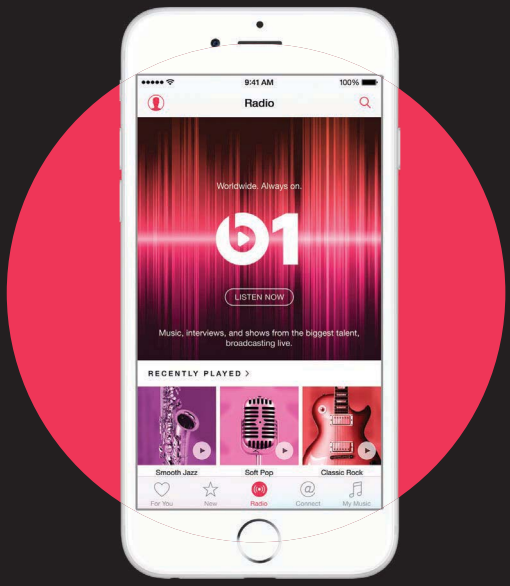
I completely agree with Iovine that humans are better at selecting music, and playlists are what make a music-streaming service so much better than an online radio service such as Pandora. The problem is that Apple Music doesn't have nearly as many playlists as other services like Spotify. Apple only allows a select group of "music curators" to create public playlists, while Spotify allows anyone to create a public playlist. Not only does this mean there are fewer playlists on Apple Music, but it also means there is less diversity of playlists. On Spotify, for example, NPR Music has a playlist for "The Best Songs from SXSW" and a user named dansecaribe compiled the "Top 100 of the Most Beautiful Songs" as voted on by Redditors. These are the types of rich musical discoveries Apple is lacking that come from allowing everyone to be curators.

Connect Misses the People We Care About—Our Friends



One feature Apple hopes will differentiate its music service from the competition is Connect. With Connect, Apple is reviving the defunct iTunes Ping, which let users see status updates from their favorite musicians. Most critics viewed Ping as a major flop, so it's curious that Apple is trying to revive it yet again. In my opinion, Apple gets social networking wrong with Connect. There is no shortage of ways for fans to connect with musicians: if you want to see what Taylor Swift is up to, go to Tumblr; if you want to get updates from Lady Gaga, go to Facebook. The real social interaction that people want from their music platform is with friends, not artists. One of the most important ways a music service can facilitate discovery is by allowing people to share music with their friends. Spotify allows you to share your playlists, as well as see what songs your friends have been listening to. This is a key feature that's missing from Apple Music, and it's more important than being able to see photos from a band you like.

Beats 1 Radio Tries One Size Fits All



Beats 1 is supposed to be Apple Music's killer feature. Adding live radio is something that no other music-streaming service is doing. Algorithm-based radio services such as Pandora can't quite replace the experience of listening to the radio. People are still better at selecting music and there's still something nice about listening to a DJ. The problem with Beats 1 is that there is only one station. On a theoretical level, there's something powerful about everyone in the world listening to the same thing. But in practice, musical tastes are too diverse for just one station. Every time I try listening to Beats 1, inevitably a song will come on that I don't like and there's nothing to do but turn the station off. In order for it to grow into an important differentiator for Apple, it needs to have multiple radio stations so listeners can pick the genres they enjoy.

THE HIGH NOTES OF APPLE MUSIC

Convenient for Apple Users

The biggest advantage that Apple Music has over the competition is that it can integrate with the rest of the Apple ecosystem. One of the most common places to listen to music is in the car, so being able to access Apple Music hands-free with Siri is not only incredibly useful, but it also has the potential

to save lives. Also, for those who have spent the last 10 years building up their iTunes collections and creating the perfect playlists, having Apple Music integrate with their existing accounts is very convenient. There is a certain amount of simplicity that comes with entrusting all of your core services to Apple.

User Interface

It's likely that Apple Music isn't as feature-rich as its competitors because of Apple's desire to keep the service streamlined. While I think the absence of some of those features hurts Apple Music, there's no question that Apple has created a great user interface. It's not only easier to navigate than any other music service I've used, but it's also much more visually appealing. Apple Music is image-heavy and minimalist at the same time, and I rarely find myself wondering how to do something.

Pricing

Rumor has it that Apple wanted to undercut the competition by charging $7.99 for its music service rather than the $9.99 the other services charge, but the record labels wouldn't go for it. If Apple had been able to charge less, it certainly would have made a huge impact on consumer response, but even so, Apple has managed to undercut the competition with its family pricing. Spotify charges $14.99 for two users, $19.99 for three, $24.99 for four, and $29.99 for five (although the company has alluded that it may soon drop its price for families). Meanwhile, Apple Music allows up to six people to join a family plan and charges a flat $14.99 per month.

INNOVATION

On the whole, Apple Music works well and looks great. Its main competition, Spotify, has had a nine-year head start and has raised $1.1 billion in funding to invest into its software. Just as Apple did with its Maps app, I'm sure the company will improve its streaming service over time and add many of the features it currently lacks. The reason why I am so critical of Apple Music is that I hold Apple to a higher standard than other companies. Apple has branded itself as the company that "thinks different" and that doesn't make a product unless it's "insanely great." Because of this, when Apple creates a new product, I expect it to be truly innovative. With Apple Music, I think Apple has fallen short of that expectation. Apple Music may have been the right strategic move for Apple, but to me there is nothing particularly innovative about it. While competition is always good for consumers, I hope that the next iteration of Apple Music has some truly unique features that move the industry forward.



David Averbach is the CEO and Publisher of *iPhone Life* and *Android Life* magazine. David has an obsession with all things Apple. He grew up on Macs and now has a MacBook Pro, iPhone, iPad, and an Apple TV. David enjoys traveling and Ultimate Frisbee. He has been to over 20 countries. To contact David, email him at David@iphonelife.com.




iPad
9:41 AM
100%
jetsetter.com
TRIP MATCHMAKER: FIND YOUR PERFECT HONEYMOON
HIT LIST
Trip Matchmaker: Find Your Perfect Honeymoon
1
Best for Beach Bliss
Turks & Caicos
Where to Stay
Turks and Caicos Islands
Search
Cancel
SIRI SUGGESTIONS
Show More
NEARBY
Food
Drink
Shopping
Fun
NEWS
NASA Curiosity Rover Captures Sunset On Mars
Healthy diet may improve memory, says study - CNN.com

HANDS ON WITH IOS 9 AND APPLE WATCHOS 2

WHAT WE'RE EXCITED ABOUT—AND WHAT WE'RE NOT

BY SARAH KINGSBURY

Curly Pat/shutterstock

Spoiler alert: iOS 9 is more about function than flash. While the beta and developer's versions of Apple's mobile operating system are subject to change until its official release this fall, so far, the changes to the OS refine and improve upon past advancements.

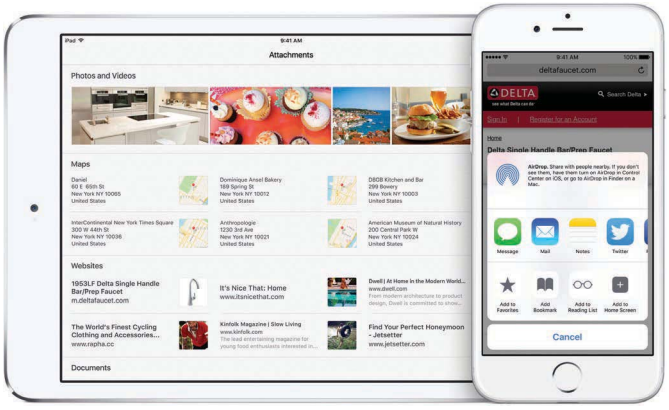
The release of iOS 7 brought a major redesign to the look and feel of iOS and the introduction of Control Center, AirDrop, CarPlay, iTunes Radio, and Touch ID support. Last year, iOS 8 introduced an array of new features, from Apple Pay to iCloud Photo Library, but software bugs and battery life problems plagued many updated devices. Apple is showing it's serious about addressing these issues with iOS 9. But that's not all the tech giant is doing. When users install iOS 9, they will find some new features on their iPhones and iPads—the News app, a redesigned Notes app, and some intriguing new capabilities, many of which fall under the umbrella of what Apple calls Proactive. Those who own an iPad especially lucked out with this iOS update. Of the many new features in iOS 9, here are the ones that Apple got right.

"APPLE IS FOCUSED ON ENHANCING ITS USERS' PRODUCTIVITY IN IOS 9."

WHAT APPLE GOT RIGHT

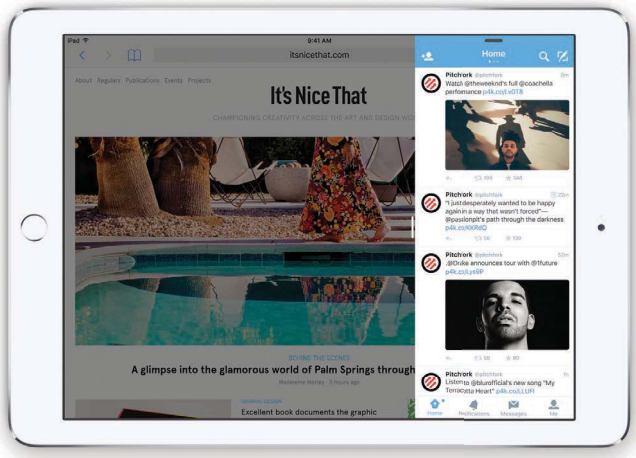
The Notes App Is Finally Useful

Apple is focused on enhancing its users' productivity in iOS 9. Case in point, the Notes app has gone from an app that many people hid in a folder to a powerful organizational tool. Now users can organize notes in different folders, even though they still can't sort them. And they can make sketches using a variety of digital drawing implements and colors. It is also now possible to take photos and videos from the app or directly access the Photos app. There are new formatting



options for creating titles and headings, checklists, and other kinds of lists. And Notes is now an option in the share menu, which means it's possible to share a website from Safari or an address in Maps to a list in Notes. One less useless app on people's iPhones and iPads is definitely a win.

It's About Time: the iPad Gets Split-Screen Mode



Apple is giving the iPad three new multitasking functions. The new Side by Side mode lets iPad Air 2 users open and use two apps at once. Android tablets have had this capability for a while and it was only a matter of time before the feature came to iOS. But Apple put its own spin on it with multitasking features for the iPad Air and Air 2 and iPad mini 2 and 3. Slide Over makes it possible to open windows of two different sizes and slide the smaller window away when finished. This means a person can accomplish a task in one app in the larger window while referring to Notes or Safari in a smaller window. The third multitasking function for the iPad is Picture in Picture, which makes it possible to resize a video window and move it around on top of another window. This allows you to watch the news while you answer emails or consult with a coworker via FaceTime while you work in Notes.

Subscribe Now

Best Apps, Top Tips & Great Gear in every issue!

Save $90

Both Print & Digital for only $15.97!

MONEY BACK 100% GUARANTEE







- Print edition PLUS Full Digital "clickable" version for iPad, iPhone, Mac/PC!
- 6 issues/year including May/June **How-to Guide** & Nov/Dec **Buyer's Guide**!
- BONUS: Get a FREE Toddy Cloth! ($10 Value)



iPhoneLife.com/Subscribe

Whether these multitasking features can boost the device's flagging sales remains to be seen, but they do support the rumors of a 12.9-inch "iPad Pro" intended for enterprise.

Apple Gets Proactive and Takes on Google Now



In a lot of ways, iOS 9 is more about enhancing existing apps and features rather than adding new ones. Nowhere is that more apparent than in the new Proactive features, which are really just the integration of certain apps and features. Done right, Proactive could make the iPhone an even more essential tool than it already is.

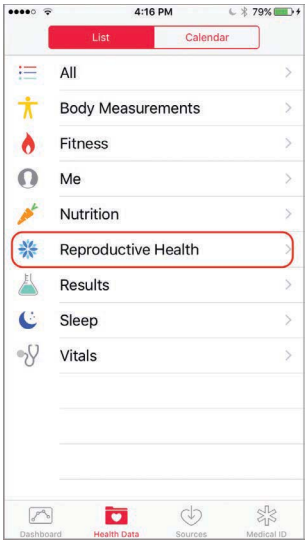
Among the Proactive features is a beefed-up Spotlight search page that users can now find to the left of the Home screen. Here they will see a search bar, Recent Contacts, app recommendations, nearby places, and information such as local news. Typed searches will bring up even more information from more sources, including content from third-party apps.

Another cool Proactive feature is its ability to offer suggestions based on usage patterns. Most people tend to habitually use their iPhones in a certain way at a certain time. Proactive can automatically display the controls of the Music app at 7 a.m. if a user likes to rock out in the shower every day at that time. It can also offer suggestions of people to call based on who the user tends to contact at a specific time and place.

A more intelligent Siri plays a crucial role in all of this. In iOS 9, Siri can perform searches and create reminders based on the context of a user's activity. A user can say "Remind me about this when I get to work tomorrow," and Siri will know the user is referring to the email that is open at that moment.

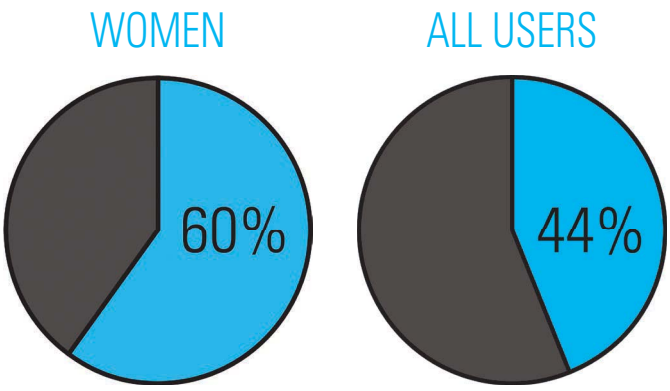
If you think all of this sounds like an iOS version of Google Now, the intelligent Google digital assistant that predicts what its users want based on their previous activity, you're not alone. But one crucial difference is Apple's efforts to protect its users' privacy. During the iOS 9 preview at WWDC15, Apple emphasized that it won't track users' activity, link it to the user's Apple ID, or share it with third parties. That alone makes Proactive better than Google Now.

iOS 9 Acknowledges That Women Exist



As part of a software update, the addition of reproductive health tracking to the Health App is such a tiny change that it's barely worth mentioning. As the rectification of a major oversight on Apple's part, it's huge. From the moment Apple announced the Health app, people have been asking why software that lets users track almost every conceivable health metric would leave out the ability for women to track their reproductive cycle.

This is especially troubling considering that women use health apps more than men do, according to findings from a 2014 Nielsen survey. Monitoring reproductive health is arguably one of the earliest forms of health tracking. Its omission from the Health app is symbolic of the tech industry's overall lack of diversity—and lack of focus on women in particular. As Rose Evelith put it in the *Atlantic*, "This… isn't the first time a tech product has prioritized men over women. The vast majority of tech companies are staffed by men, especially on the development side."



According to a 2014 Nielsen survey, 60 percent of women ages 30-39 use health and fitness apps, compared with 44 percent of smartphone owners overall.

Apple seems to have taken the outcry over its oversight to heart; by finally adding reproductive health tracking to the Health app.

Shoring Up the Foundation

Apple introduced a number of impressive features in iOS 8: Family Sharing, Apple Pay, Apple Watch support, Continuity, iCloud Drive, iCloud Photo Library, and most recently, Apple Music.

iOS 8 was also possibly the buggiest version of iOS so far. From the minute they downloaded iOS 8, users had a lot to complain about, starting with the whopping 4.6 GB of storage required to install it. Then came the Wi-Fi and battery issues and the disastrous iOS 8.0.1 update that was supposed to fix them but only made things worse.

With iOS 9, Apple has promised to shore up the foundations of iOS (we assume this means fewer bugs and no more Wi-Fi issues), enhance security, and optimize battery life.

In addition, iOS 9 will only require 1.3 GB to install and will be compatible with the same models as iOS 8. This should make a lot of Apple users happy.

WHAT APPLE GOT WRONG

Overall, Apple got a lot right with iOS 9. There are a few things that Apple could have done differently, though.

Intrusive, Annoying, and Just Plain Wrong

This is more a *possible* wrong than an actual wrong, but there is plenty of potential for Proactive features to get really annoying. Any time technology anticipates user behavior based on past and current activity, things can go wrong. Just ask anyone who has typed a message with autocorrect enabled and forgotten to read over the message before hitting Send. Or any Apple Watch user who has received a reminder to stand after just sitting down.

Another feature that is guaranteed to be annoying is the automatic addition of email events to the Calendar. At iPhone Life, our first iOS 9 iPhone Tip of the Day will be how to disable this feature.

Overall, iOS 9 offers strong updates. In spite of the potential for Proactive to occasionally get things wrong, the feature will greatly enhance the utility of iPads and iPhones, thanks to the expanded search capabilities and the ability of Siri to create contextual reminders and search the content of apps.

After so much change in iOS 7 and 8, the refinement and enhancement of existing features and the focus on stability in iOS 9 is exactly what iOS needs.



Sarah Kingsbury is the web editor of iPhoneLife.com. She goes almost nowhere without her iPhone and is the main contributor to the site's Tip of the Day column. She has over a decade of experience writing and editing for online and print publications.



TOP 4

Game-Changing Announcements from WWDC

by Jim Karpen

Every company wants to disrupt an industry, to come out with a new product that changes the game—and Apple does it best. The Macintosh disrupted personal computers, the iPod took over the market for MP3 players, the iTunes Store changed the music industry, and the iPhone revolutionized the cellphone market.

So what's next? Everyone keeps waiting for Apple's next product or service that will have a revolutionary effect throughout society. Think of how the world has changed since the 2007 launch of the iPhone.

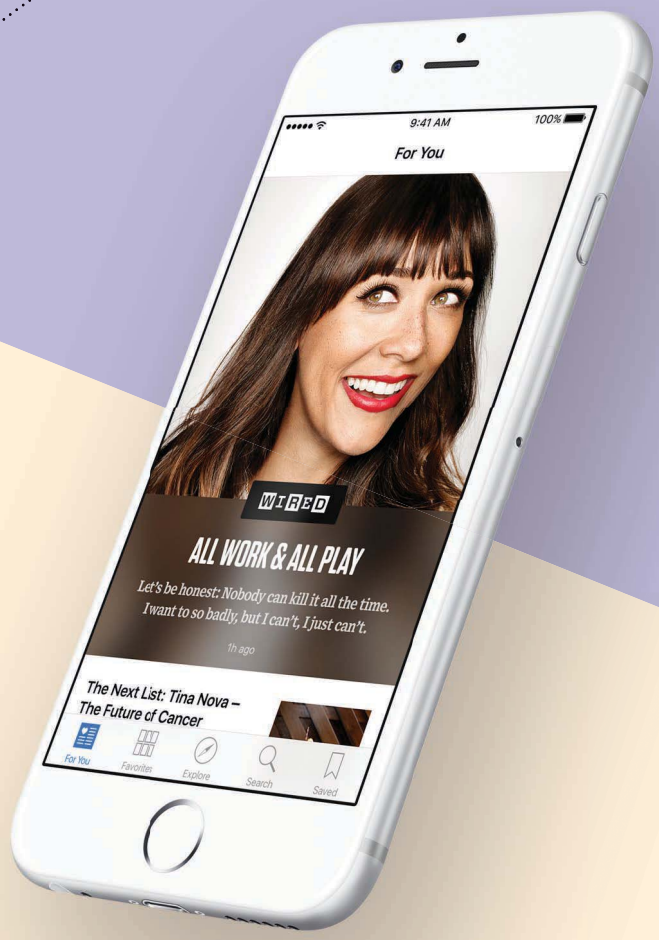
Did June's Worldwide Developers Conference herald any new disrupters? I would say so. I think several of Apple's announcements have the potential to be game changing, from the company's new music streaming service to its news reading platform. Let's take a look.

Music: A Tool for Up-and-Coming Artists

The media's response to Apple Music has been a bit ho-hum. People are saying the new digital music service is no different from Spotify and that Apple is simply playing catch-up.

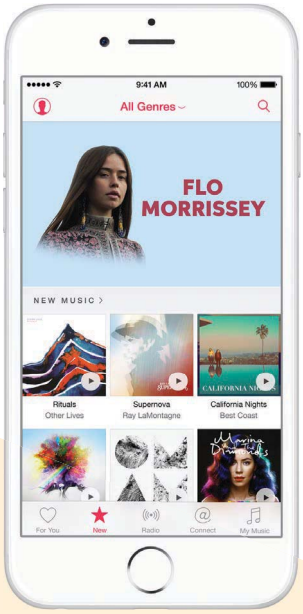
I beg to differ, for three reasons. First, Apple is making a play to bypass the record labels altogether. It's inviting musicians to release their music via Apple Music. If Apple succeeds in creating a platform that bypasses the traditional role

"Apple's News app could play a major role



in helping print media find new life in a digital world."

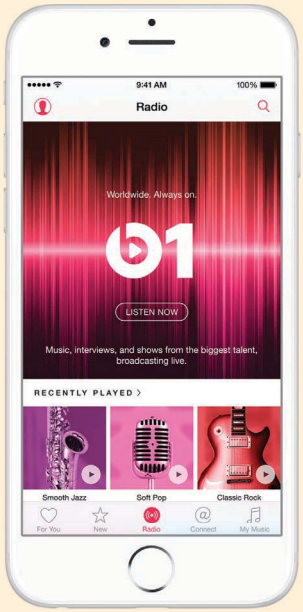
of the music labels and succeeds in attracting some of the best new artists, that's revolutionary. If you're a musician wanting to break into the business and find an audience for your work, Apple Music could be very appealing.



Second, if you're new to the business, how do you get attention? Apple feels they've solved that too. The song selection Music offers includes many new artists you haven't heard of. You're excited because you like their music, and they're pleased because they're gaining an audience. This ties in to Apple's goal to deliver the songs you want to hear. Ideally, you'll never skip to the next track because the playlists the service offers would perfectly suit your taste. Apple says Music achieves that by using computer algorithms—and by using human experts. The service bases that next song on your current playlists, your past purchases, the selections you make in configuring Music, and human judgment.

Third, the Connect feature lets artists connect with you. They might upload versions of songs they're working on, post photos and behind-the-scenes videos, and share comments. There will be an intimacy between listener and artist that other services don't offer.

Most significant is that all of this takes place within a single app. Apple's goal is to unify the disparate facets of your music enjoyment, and the music industry itself, into one easy-to-use app. I think they've got something here.



Beats One Takes On Radio

When the biggest company in the world in terms of cash on hand and market capitalization decides to start a media outlet—a new worldwide radio station—that's big news in itself. Apple has deep pockets, and it has hired some top DJs to fill its airwaves. Beats One, which will offer music, interviews, guest hosts, news, and culture, has the potential to become a major new brand in the media world.

The talent includes DJ Zane Lowe hosting Beats One from Los Angeles, Ebro Darden working from New York, and Julie Adenuga broadcasting from London. These DJs have huge reputations and strong connections with the artists.

Beats One has the potential to disrupt not only the streaming services such as Spotify, but also traditional radio stations and satellite services such as SiriusXM. Why? Because Apple has style and the money to throw at it. The Beats One feature of the new Music app adds to the appeal of Apple's offering while immediately giving this new radio station an immense audience.

watchOS 2 Opens Doors for Apple Watch

The iPhone didn't just disrupt the cellphone market. It also disrupted the market for MP3 players, video recorders, instant cameras, portable video players, mobile payments, game consoles, GPS devices—you name it. In short, as Neil deGrasse Tyson said in a video played during the WWDC keynote, the iPhone has become a universal tool that's "a watershed moment in civilization."

Apple contends that the Apple Watch will have an equally disruptive effect. In a move to strengthen the utility of the watch and further stimulate the creativity of developers, Apple released a WatchKit update at WWDC with new tools that will let developers create native apps for the Apple Watch. Initially, the wearable simply received bits of information from the iPhone, where the software computation takes place. But the watchOS 2 update allows apps to run natively on the Apple Watch.

What are the implications of native apps? You can expect them to be better and faster. They'll now be able to access the Apple Watch's sensors and to use features such as the Digital Crown, speaker, microphone, Taptic Engine, accelerometer, and more. Expect big things. Expect disruption.

News App Could Aid Struggling Publications

Apple is a purveyor of media including music, videos, and books, so why not news? The News app, which will be released as part of iOS 9, will certainly be a disruptor for news aggregator apps such as Flipboard, but I think it could go well beyond that.

In some ways, the news industry is in a situation similar to the music industry when Apple introduced the iTunes Store back in 2003. Illegal file-sharing sites had exploded, and music industry revenue was dropping. Apple introduced an online store with songs for $0.99. Why would people pay for something they could get free? At the time, music typically came bundled in albums on CDs. If someone liked an individual song and didn't want to buy the whole album, it was tempting to download it illegally. The iTunes Store made it possible to purchase individual songs legally, and the quality was better. Purchasing was simple, and the iTunes Store helped people find additional music they liked. All of this fostered the switch

from file sharing to purchasing. Upon release, Steve Jobs said, "Consumers don't want to be treated like criminals and artists don't want their valuable work stolen."

Today, 12 years later, digital sales of music accounts for approximately 48 percent of the music industry's revenue, according to a January report from Strategy Analytics.



Similarly, news organizations today are struggling. Revenue for print publications is plummeting as people get their news online for free and advertisers shift their ad dollars to newer media. The News app has the potential to change the industry. It will give news outlets a vast new audience, and Apple's iAds service will give them a new revenue stream. Apple's News app could play a major role in helping print media find new life in a digital world, just as the iTunes Store helped the music labels do the same.

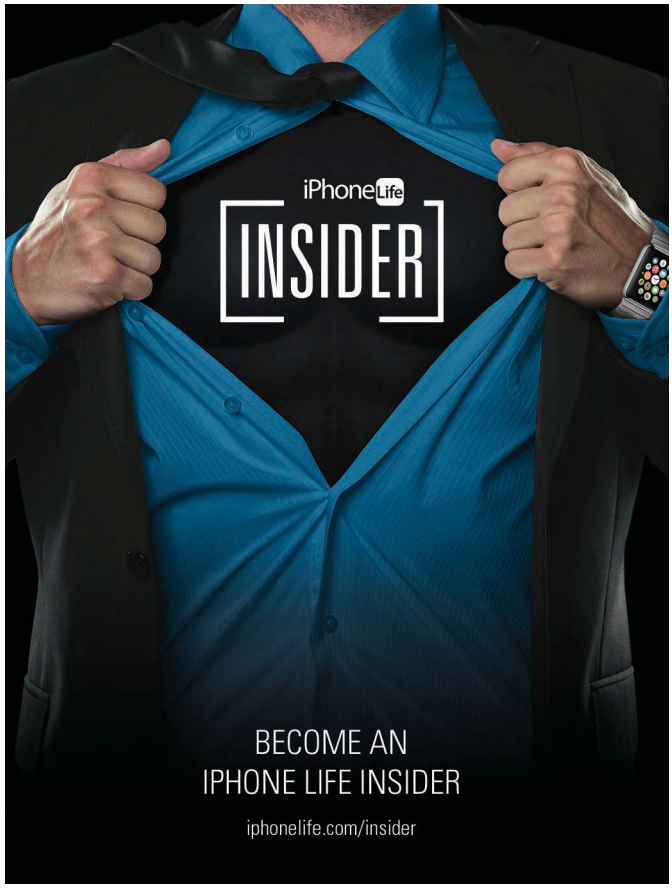
Media outlets apparently see the potential, because many have already signed on to partner with Apple, including the *New York Times* (which will offer 33 free articles per day), *Fortune*, *The Guardian*, *The Atlantic*, and the *Economist*. *Condé Nast* has come aboard with its stable of 17 magazines including *Wired*, *GQ*, the *New Yorker*, *Self*, and *Vogue*. And prominent digital media outlets have also committed, such as the Verge and Buzzfeed. Even cable networks such as ESPN and CNN are partnering. The demo at WWDC made this rich panoply of content look gorgeous. Plus, the app will learn your likes and serve up news that suits your interests. This is an app I want.

Of course, it's hard to know whether any of these will really take off. But in each case, the potential is there. Plus, Apple has two big advantages over everyone else: a huge built-in market and a lot of money to throw at it. I'm betting at least a couple of these services will be disrupters.



Jim Karpen, Ph.D, is on faculty at Maharishi University of Management in Fairfield, IA. He has been writing about the revolutionary consequences of computer technology since 1994. His Ph.D dissertation anticipated the Internet revolution. His site, jimkarpen.com, contains selected regular columns written for *The Iowa Source*. jim_karpen@iphonelife.com.





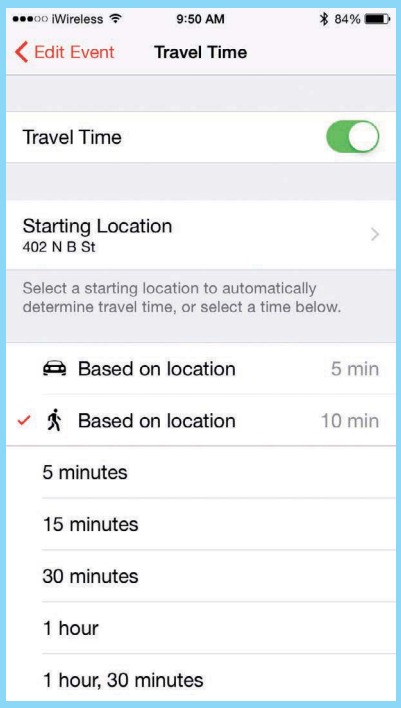
TOP TIPS

FOR MANAGING YOUR SCHEDULE

LET CALENDAR AND REMINDERS SHOW YOU THE WAY

BY SARAH KINGSBURY

When it comes to juggling work, school, and social schedules, an iPhone user is usually one of two types: a Calendar person or a Reminders person. But either of Apple's built-in scheduling apps excel at different things, and I've found that you can be your most productive if you use them both. Here are some tips for how to manage your schedule and tasks using the best features of each.



1

Factor in Travel Time to Avoid Being Late

Knowing your plans is important, but so is knowing when you need to leave in order to keep them. Once you've created an event in the Calendar app, tap Edit and add the event's location below the event name. Next, scroll down and tap Travel Time. Toggle Travel Time on and tap Starting Location. Once you add the starting location, the app will calculate travel time for you, whether you're traveling by car or by foot.

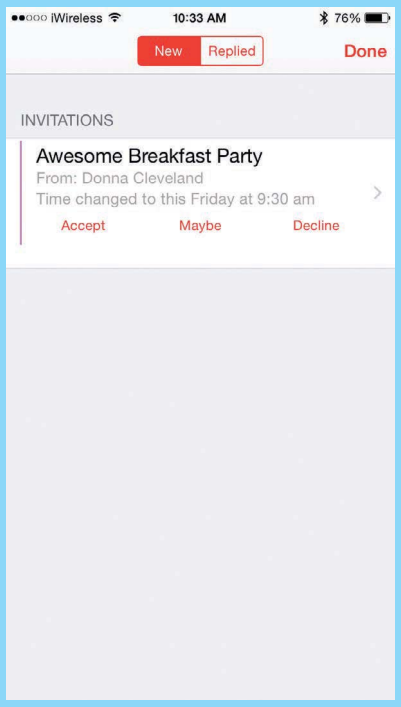


2

Avoid the Chaos of Organizing Events via Group Text

Those group message threads can get unwieldy! Instead, plan your event using the Calendar app. First, tap the date of the event. Next, tap the "+" icon and enter the name, location, and start and finish time of your event. Invite contacts by tapping Invitees. (Note: You'll need to have your invitees' email addresses.) Once you're finished, tap Add to save the event to your Calendar.

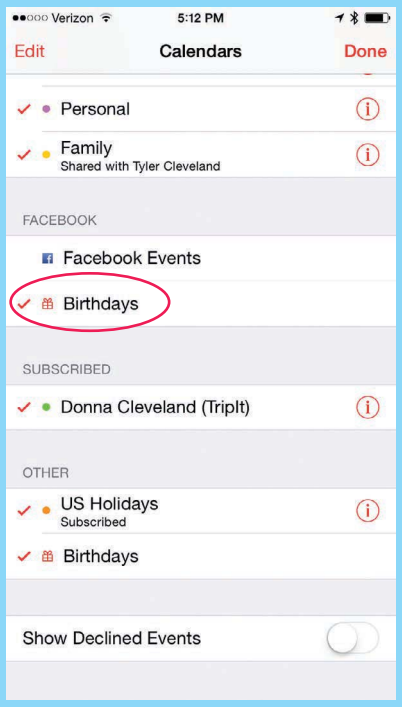
LTDean/shutterstock





Make Miss Manners Proud!

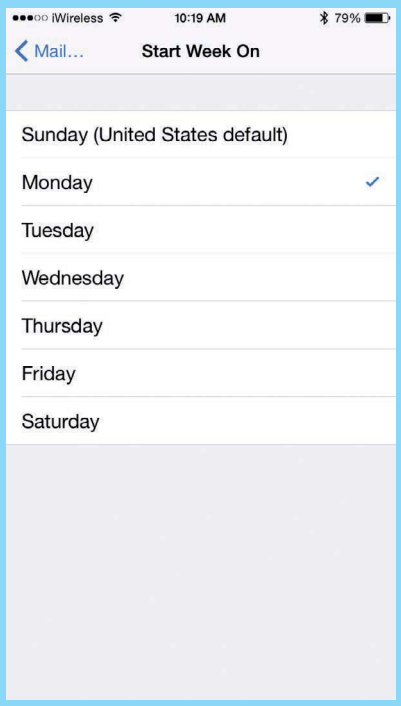
Who says RSVPing is a lost courtesy? Responding to Calendar invitations is easy! You can find pending invitations in your Calendar inbox. Here you'll see what you have been invited to and can tap Accept, Decline, or say Maybe to the invitation. Tap on the event name to see more information and alert options. If you accept the invitation, it will be added to the list of your day's events and will show up in Notification Center.





Hide Facebook Birthdays

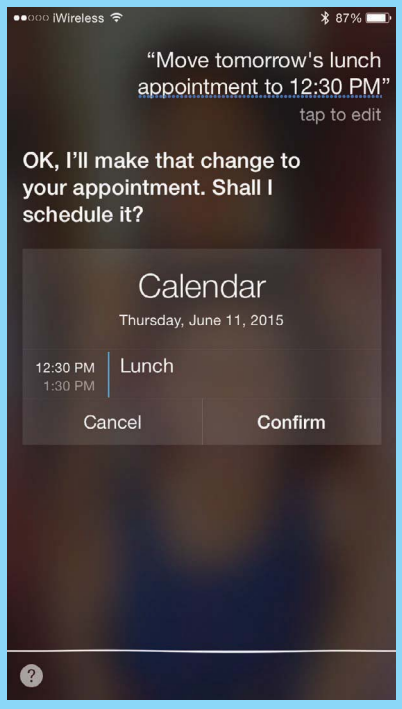
The Calendar app automatically creates all-day events on the birthday of any contact whose birthday information you've saved. This is great because it allows you to choose which birthdays are important enough to save. But if you've integrated Facebook with your calendars, the number of birthdays infiltrating your schedule can be overwhelming. Hide Facebook birthdays by tapping on Calendars at the bottom center of the Calendar app and unchecking Birthdays under Facebook.





Choose What Day Your Week Starts On

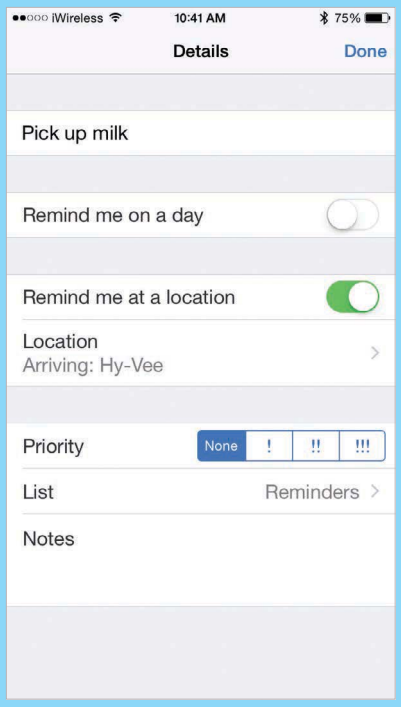
Although most western calendars start the week on Sunday, it may make sense to change the first day of the week in the Calendar app to Monday or another day, especially if you tend to divide your week into work days and weekends. In Settings, go to Mail, Contacts, Calendars and then scroll down to Calendars. Tap Start Week On and select your preferred day.





Quickly Edit Events with Siri

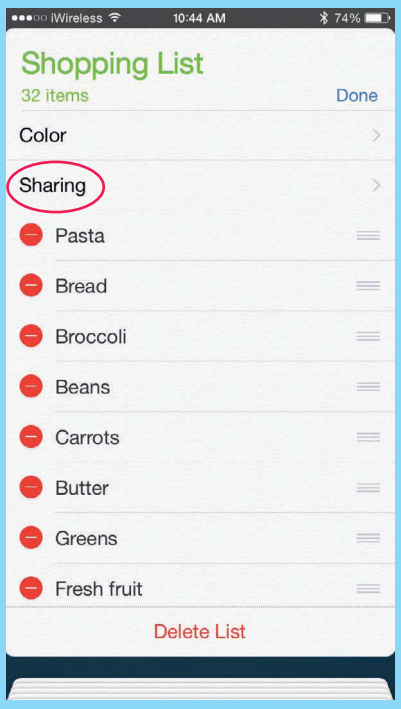
Skip the hassle of editing an event manually. Just ask Siri to change the time, location, attendees, or name of the event. For example, you can say, "Move my lunch appointment to 12:30," and Siri will do the rescheduling for you. If you decide to meet at a different restaurant, say, "Change the location of my lunch appointment," and Siri will ask you for the new location and update your event.



1

Get Reminders at Specific Locations

Want to remember to pick up milk when you drive by the store on your way home from work? The Reminders app can help you remember as long as you have Location Services enabled in your phone's privacy settings. Once enabled, tap the "i" that appears when you create a new reminder or when you tap on an existing one. Next, toggle on "Remind me at a location," then tap Location. Choose a location from the list or enter the address and then choose whether to be reminded when leaving or arriving.

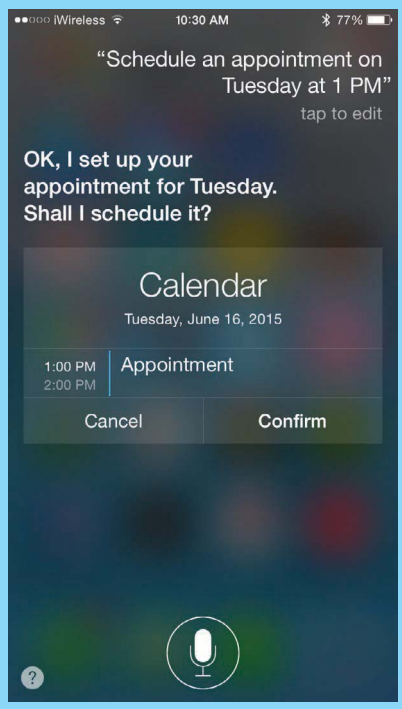


8

Create a Shared Shopping List

Sharing a shopping list in Reminders makes it easy for everyone in your house to add and check off items. If you're low on milk, for instance, you can add it to your shared shopping list and the update will sync across the devices you've shared the list with. Now if your husband decides to stop at the store on his way home, he'll see milk on the shopping list on his iPhone and will (hopefully) decide to pick up a carton. To share a list, open it, tap Edit, select Sharing, tap Add person, and select a contact.

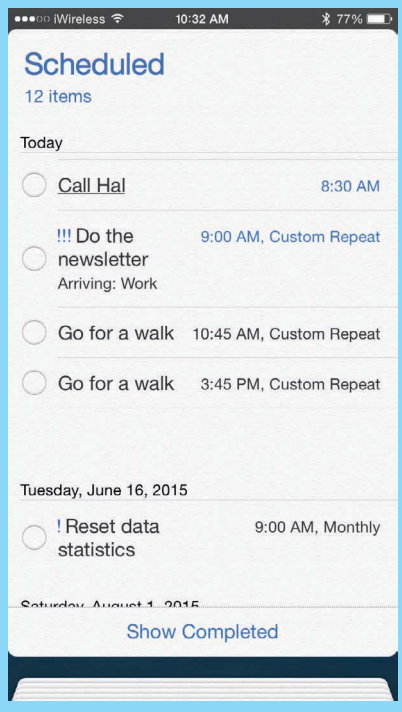
Watch a video of this tip online! bit.ly/1JSAu95



9

Keep Siri from Mixing Up Events and Reminders

Phrase your Siri requests carefully, or the virtual assistant may create an event when you're trying to create a reminder. Try prefacing requests for adding things to the calendar with "schedule" and reminder requests with "remind me." You might say, "Schedule an appointment for Tuesday at 1 p.m." and "Remind me on Monday night about my Tuesday appointment."



10

See and Edit All Scheduled Reminders in One List

It's helpful to organize your reminders into separate lists according to tasks, but that can make finding and editing specific reminders a challenge. Fortunately there's an easy way to view all your scheduled reminders at once. In the list view, tap on the clock icon in the upper right corner and you'll see all your scheduled reminders organized by date and time.



Sarah Kingsbury is the web editor of iPhoneLife.com. She goes almost nowhere without her iPhone and is the main contributor to the site's Tip of the Day column. She has over a decade of experience writing and editing for online and print publications.

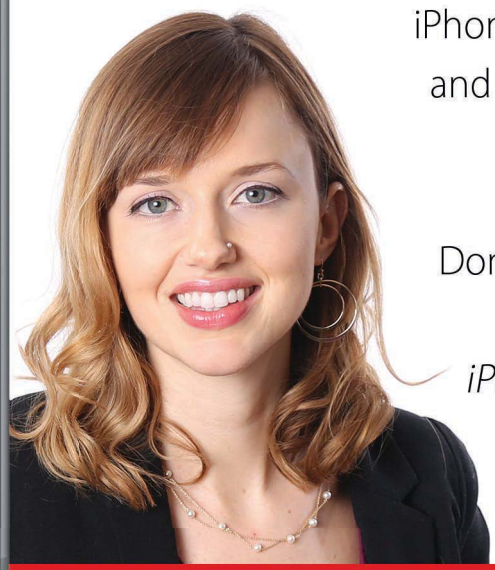
Get More Tips & Tricks Delivered Directly to Your Inbox!



iPhone +iPad Life MAGAZINE

We are now giving away iOS tips and tricks for free every single day. We research the best tricks for beginners and advanced users alike to share with you.

Go to:
iPhoneLife.com/dailytips
and start receiving your free emails!

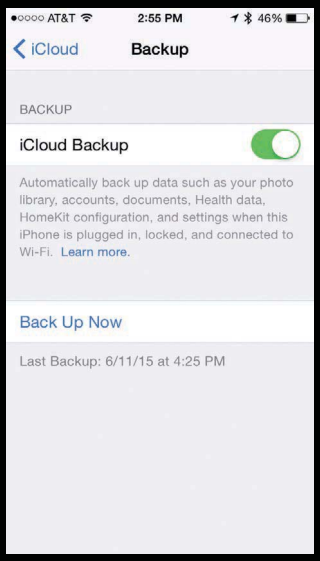


Donna Schill Cleveland
Editor in Chief
iPhone Life magazine

www.iPhoneLife.com/dailytips

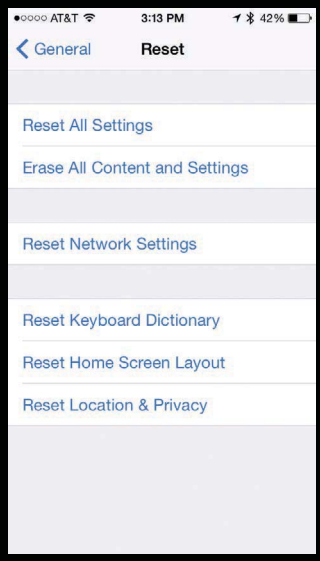


Turning on iCloud Backup



To ensure that you never lose important information on your iDevice again, you'll want to make sure that you enable iCloud Backup. To do this, go to Settings > iCloud > Backup, and turn on iCloud Backup. Now your content will back up to Apple's servers every night, so long as your device is plugged in, locked, and connected to Wi-Fi. If you need to restore your device for any reason and want to make sure your most recent data is backed up, you can tap the Back Up Now option, which will appear after you turn on iCloud Backup.

Restoring Your iDevice from an iCloud Backup



Sometimes, if you're having trouble with your phone, your best option is to restore it to its factory settings. Once you've checked in Settings to make sure you've backed up to iCloud recently, go to Settings > General > Reset, and tap Erase All Content and Settings.

Next, in the Setup Assistant, proceed to set up your device. Tap Restore from a Backup when prompted, sign in to iCloud, and select your most recent backup from a list of available iCloud backups.

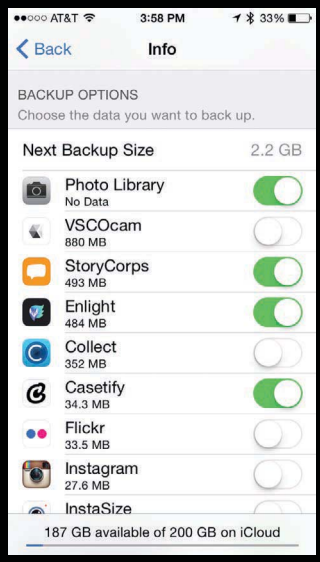
Backup Space



An iCloud Backup includes your iTunes and App Store purchases, device settings, app data, text messages, voicemail, and Health and HomeKit data. You might think that if this content on your iPhone or iPad takes up 25 gigabytes of space, for example, then your backup would take up that much space as well. But in fact, the backup of the 25 GB stored on my iPad only uses 700 MB of space. That's because much of what's stored on your device need not be backed up. For example, Apple doesn't back up each and every app. Instead, the backup remembers what apps you have on your device, and then when you Restore, it simply downloads them from the App Store.

To see how much space your backup takes—and how much free space your next backup will require—go to Settings > iCloud > Storage > Manage Storage and tap on the name of your device. You'll see the date and size of your latest backup as well as the amount of space you'll need for your next backup.

Managing Your Backed-Up Content



If you want to free up some iCloud space, you can see what content you've backed up to iCloud by going to Settings > iCloud > Storage > Manage Storage and tapping on the name of your device. Scroll down and look under Backup Options. Here you'll see a list of the apps currently backed up and how much space each one occupies. If you don't need to save the data for every app—thereby saving space in your iCloud account—you can toggle off the backup for each nonessential app.

Apple has made it easy to back up your iPhone or iPad, and I encourage you to do so. If something happens to your device, or if you buy a new one, you'll be able to quickly restore everything.



Jim Karpen, Ph.D, is on faculty at Maharishi University of Management in Fairfield, IA. He has been writing about the revolutionary consequences of computer technology since 1994. His Ph.D dissertation anticipated the Internet revolution. His site, jimkarpen.com, contains selected regular columns written for *The Iowa Source*. jim_karpen@iphonelife.com.

Digital Subscription Only $12.99!

powered by zinio™

The World's Largest Newsstand



Read *iPhone Life* anywhere, anytime, on your iPhone, iPad, Mac, or PC.

www.iphonelife.com/zinio

THE DIY ISSUE

Technology has revolutionized the way we use our time. Not long ago, if you wanted to learn how to cook, you most likely dug out your grandmother's old recipe book or went out and bought *Joy of Cooking* from the store. If you wanted to create a photo album, you waited a week or two to get your film developed and spent hours organizing your images into scrapbooks using glue sticks and cardstock.

A few years and many technological advancements later, you can now use your iPhone to jumpstart virtually any project—be it recording your own music, managing your finances, or even growing your own garden. Whatever your aim, this guide is here to help you get your plans off your to-do list and into your life. We cover it all, from services that allow you to transform your iPhone images into calendars and postcards to apps and gear that allow you to create your own smart home or in-home gym.

opicobello/shutterstock

DIY

CHEF'S TOOLBOX



10 HANDY APPS FOR COOKING SMARTER WITH YOUR IPHONE

BY STEVE BOSS

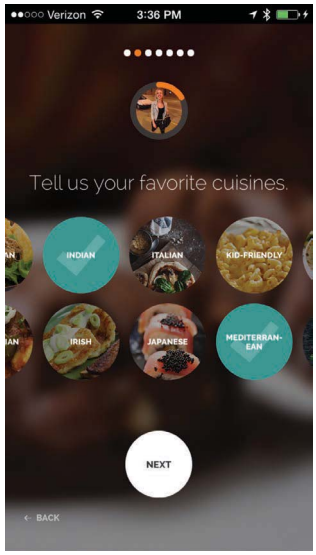
Foxy's Forest Manufacture/shutterstock

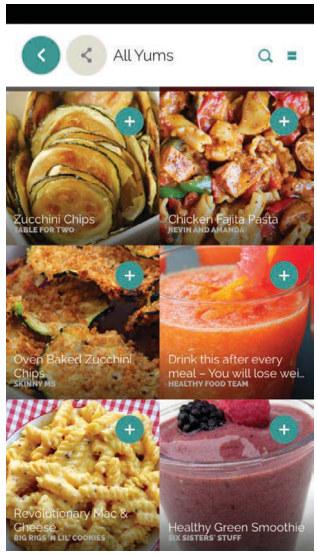
As the host of *Great Taste*, a weekly radio show dedicated to the world of food, I may be a bit too zealous when it comes to anything culinary. Okay, I am obsessive. My world gets rocked when I see berries vibrating with color, hear the sizzle of an onion as it hits hot oil, inhale the intoxicating aromas wafting off a grill, knead dough in my hands (oh yeah!), or crunch down on a perfectly fried, soul-satisfying piece of chicken.

The kitchen is where I feel most alive. It's where I express creativity, have fun, and produce results that, more often than not, my family and friends can enjoy. The ever-growing collection of apps on my iPhone and iPad play a major role in my kitchen. Whether you are a seasoned home cook or your fridge is stocked with last night's take-out containers, my top picks can help you take your culinary enjoyment to the next level.

ALL LEVELS OF COOKS

Yummly Recipes & Grocery Shopping List
(Free)
I fell for Yummly right away because it asked me to create a personal culinary profile, promising to learn my tastes the more I used it. It's comforting to know we are continually growing in virtual intimacy, and I feel well nourished.

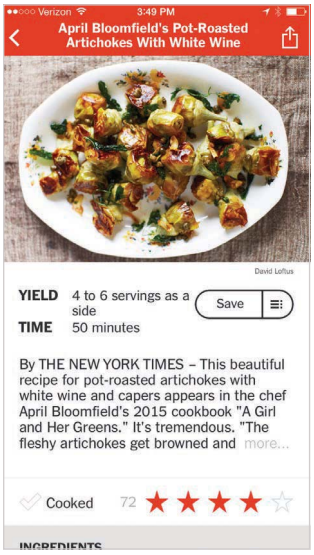


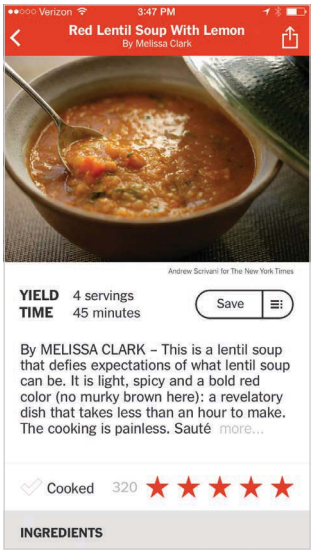


The app has over one million recipes in its database culled from the best culinary websites and food blogs. Choosing from 10 filters (cuisine, nutrition, taste, allergies, diets, etc.), my search for pizza turned up 1,000 recipes, and 118 results for chimichurri (a green parsley sauce from Argentina). Each entry shows a photo of the dish; an ingredient list with quantities, calories, and nutrition facts; and instructions, which you can tap in order to visit the site where the recipe was originally posted. Other built-in elements include a shopping list that the app compiles for any recipe; integration with **Instacart** (free), a service that facilitates one-hour delivery of the ingre-

dients needed for any recipe in 15 cities; My Yums, a personal recipe depository; and the standard sharing options for emailing, tweeting, and pinning recipes.

NYT Cooking - Recipes from The New York Times
(Free)
Every Wednesday, I check the *New York Times* website for the latest recipes, restaurant reviews, industry insights, and other food articles. As a home cook, I rely on their expert columnists like Mark Bittman, Julia Moskin, Kim Severson, Melissa Clark, and Martha Rose Shulman for creative food ideas. The NYT Cooking app makes over 17,000 of the *NYT*'s recipes (more are added every week) available on your iOS device. Easy instructions, a personal recipe box, and the ability to search by category are all part of the basic app. The iPad offering adds instructional videos, customized recipe recommendations, and other features.

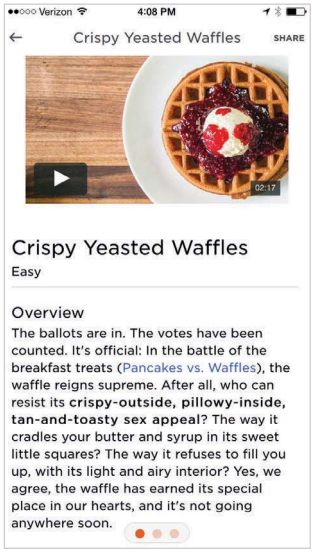




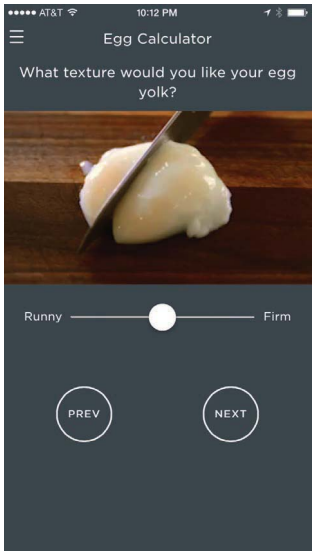
Along with the above crew of writers, many top-tier chefs and James Beard award-winning food writers contribute as well. I highly recommend checking out these three of my favorite recipes—Melissa Clark's "Red Lentil Soup with Lemon," April Bloomfield's "Pot-Roasted Artichokes with White Wine," and "Risotto with Smoked Mozzarella and Escarole" from Claiborne and Franey.

FOR THOSE WITH MORE EXPERIENCE

ChefSteps
(Free)
This app comes from the crew that wrote *Modernist Cuisine*, the revolutionary six-volume, 2,438-page set in which science-inspired techniques and recipes take center stage. The crew's **Modernist Cuisine At Home** app ($79.99) is a must for serious cooks, but ChefSteps is perfect for all levels of cooks, including kitchen novices. "We started thinking of new ways to help cooks," said Tim Salazar, product designer of ChefSteps. This led them to develop the Egg Calculator, he said, which uses video, text, and an intuitive user interface to teach cooks how to create the perfect sous vide egg, providing precise time and temperature depending on the texture you want.







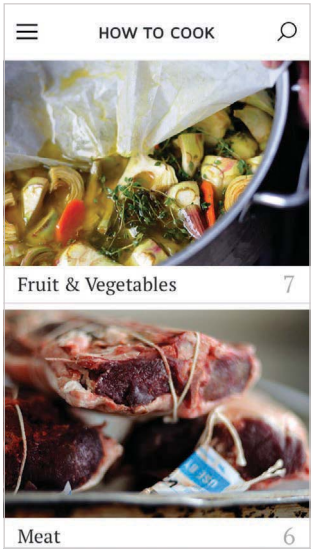
"We are passionate about explaining how things work," added Grant Crilly, co-founder of the app. "Our videos focus heavily on not just telling, but showing in the hopes that you will learn a new technique that you can apply across your cooking."

The skills you can learn from ChefSteps are wide ranging, from learning how to utilize the sous vide method, handle a blowtorch, use a centrifuge, or employ ingredients with names like sodium alginate and transglutaminase. I gravitate to the app's more basic recipes, such as yeasted waffles, crispy chicken with broccoli cheddar sauce, and homemade Heinz-style ketchup.

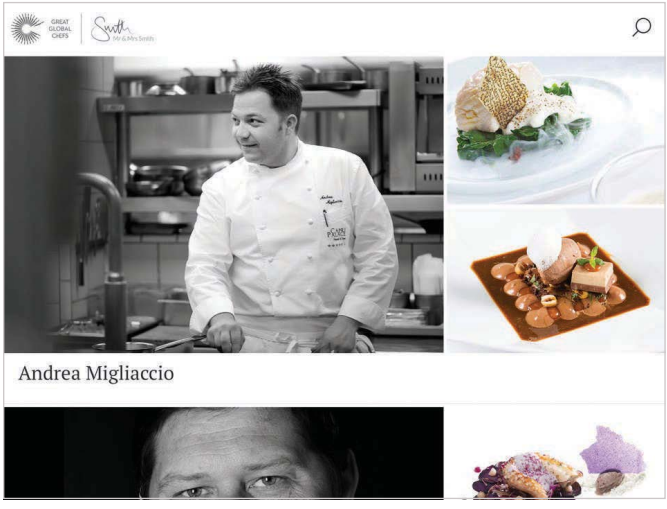
Great British Chefs
(Free)
This cooking app focuses on quality over quantity, featuring 180 recipes from 12 Michelin-starred chefs. The recipes are categorized as

easy, medium, or challenging, but they all require some finesse and many include one or more obscure ingredients that are probably easier to locate in Britain. My top party pleaser is the recipe for cheese beignets. The 29 short how-to videos are a nice plus.





Great Global Chefs
(Free, iPad-Only)
This app is a feast not only because it shines the spotlight on 75 recipes from top world cooks, but also because the pros it features work in some of the world's finest luxury hotels. Perhaps your next getaway will evolve while using the app?



Gray Kunz, who was a four-star *New York Times* chef for many years in the Big Apple, contributed a simple, elegant recipe of bibb lettuce with yoghurt-mint raita from his post at Café Gray Deluxe at the elegant Upper House Hotel in Hong Kong. Each recipe includes complexity, cook time, step-by-step directions, and a profile of the chef. A shopping list and cooking timer are also built in.

HEALTH CONSCIOUS?

EWG'S Food Scores
(Free)
This app will make you a healthier, greener shopper. Its ever-expanding database contains 80,000 foods, 5,000 ingredients, and 1,500 brands. Rebecca Katz, author of *The Healthy Mind Cookbook*, says this app is empowering for today's consumers, helping them answer questions like: "What's really in that food product?" and "What's the best choice I can make, when buying, let's say, a can of tomatoes?"

An item's score, which is based foremost on nutrition, as well as on ingredients and amount of processing, is the focal point. The scores are combined into a single overall product score (1 being the best and 10 being the worst). The app also has a barcode scanner, which makes it quick to look up a product during a shopping trip.

NO EXPERIENCE NEEDED

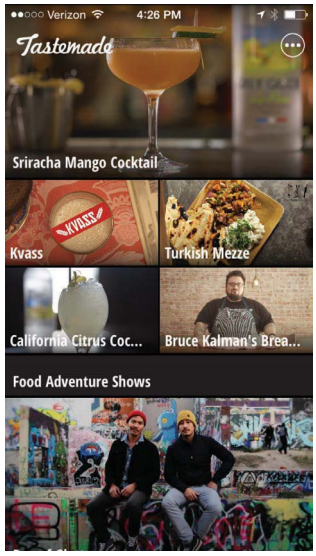
Lost your inspiration to cook or never had the desire in the first place? Maybe you think putting together fresh ingredients in your own kitchen is way too complicated and time consuming? Or perhaps you are simply burnt out from your family's different dietary demands?

Charlie Trotter, one of the most famous contemporary American chefs before his untimely passing in 2013, served up this insight in the introduction to his book *Charlie Trotter's Seafood*. He wrote, "You may want to forget about recipe specifics and use the photographs alone as your inspiration for putting together a meal. You can contemplate food on an intellectual level, but ultimately it is a sensual experience and it is perhaps best to enjoy it that way."

The following apps are less about the recipes and all about the pleasure of the plate.

Tastemade
(Free)
You won't find any written recipes here! Tastemade is a video network that presents real and informative cooking advice with attitude and substance, providing thorough directions in an original way that keeps you interested. With six food-adventure shows and seven cooking programs available on the app—including the James Beard award-winning *Perennial Plate*—Tastemade will have you cooking with confidence in no time.





Instagram
(Free)
Instagram is the go-to app for many chefs for jump-starting the creative process.





Mindy Segal, 2012 James Beard "Outstanding Pastry Chef" award winner and owner of the restaurant Mindy's Hot Chocolate in Chicago, says, "Searching through Instagram, I have found the most incredibly talented artisans from all over the world. Their photographs bring all their glorious crafts and workmanship directly to me. It astounds me the talent this world holds. I feel very connected to people I share the same integrity and values with, people I probably will never meet but whose work greatly inspires me."

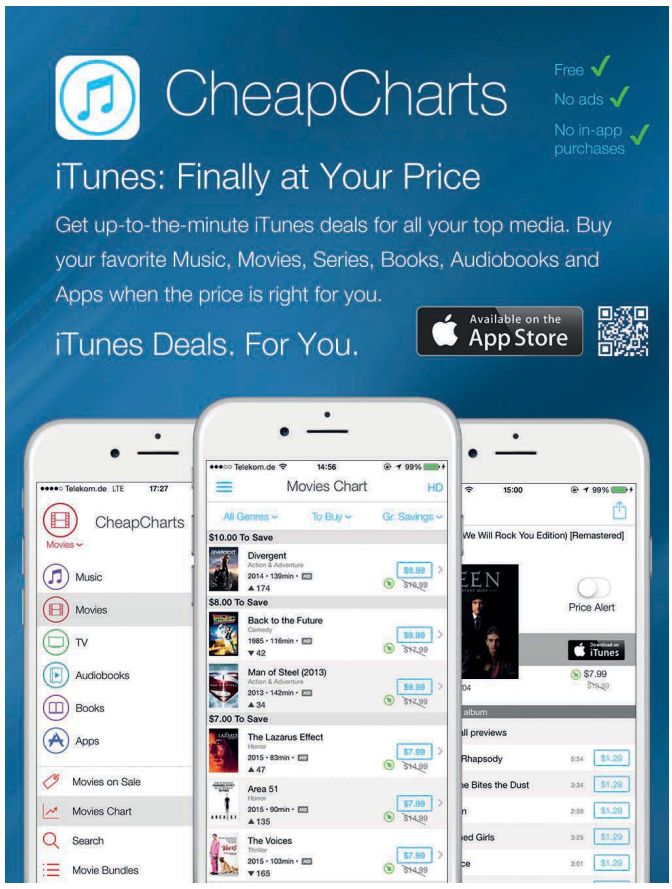
Follow these chefs: Mindy Segal, Marc Vetri, Roy Choi, April Bloomfield, Jamie Oliver, Jeremy Fox, and discover others yourself.

Time is probably the most precious commodity we have, and most of us eat at least three times a day. Employ these apps to upgrade your kitchen IQ, stimulate your creative side, improve your health, cultivate your palate, and enjoy a resulting increase in joy and satisfaction on a deep sensory level.

As Julia Child always said, "Bon appetit."



Steve Boss is the host of *Great Taste*, a weekly radio show about food on KRUU 100.1 FM in Fairfield, Iowa. The show streams at kruufm.com on Wednesdays at 7 p.m. CT and Fridays at 7 a.m. CT. If you have any favorite food apps, drop him an email at greattaste@kruufm.com.



DIY

LARGER THAN LIFE



A GUIDE TO CAPTURING A MAGNIFIED WORLD WITH A MACRO LENS

BY RHEANNE SCHLEE

Life is brimming with beautiful little details—a colorful insect on the sidewalk, the cracked bark of an old pine, a drop of dew on the petal of a flower. Unfortunately, tiny details are just that—they're tiny. If we're living life in the fast lane, chances are we rush by hidden gems every day without the slightest consideration.

That's why I love macro photography. There's something magical and exciting about the little details that often go unnoticed by us. And thanks to external lenses designed for our iPhones, capturing those moments is now incredibly easy. Here's everything you need to know to begin getting up close and personal with the world around you.



PURCHASE AN EXTERNAL LENS

First thing's first, you'll need to purchase a detachable macro lens. You'll find that there are a variety of different lenses to choose from, but I recommend the Olloclip Macro 3-in-1 Lens ($69.99), which offers three different levels of magnification, or the solo Wide/Macro Lens from Photojojo ($20) if you're looking for a lower price point.

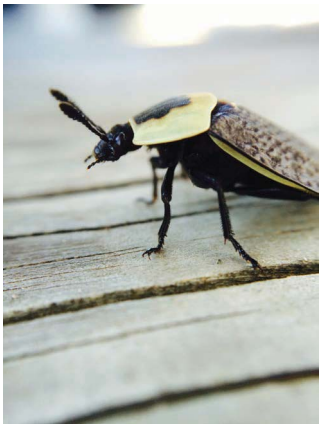
NATURAL LIGHTING



Lighting is one of the most crucial aspects of photography—too much light and your subject will lose detail, too little and it will come out dark. This is especially true with macro photography, where the details tend to be the crux of your image. To get the best results, use natural lighting whenever you can, and avoid direct sunlight. I find that lighting is best in the early morning or evening. Not only do these times lend gorgeous golden light to your photographs, but they're also the best time to capture shots of insects and other little creatures, who tend to be a little more sluggish at these hours.

STAY STEADY





It's easy to undervalue the importance of keeping a steady hand, but trust me, it makes a difference. This is where having a tripod comes in handy, but if you don't have one, you can employ other methods to ensure your shot is crystal clear. When taking a picture, I try to find a sturdy object to prop my phone up against. In the shot of the jumping spider above (left), I rested my phone on the wood floor of my porch and angled it toward the spider, producing a surprisingly clear image.

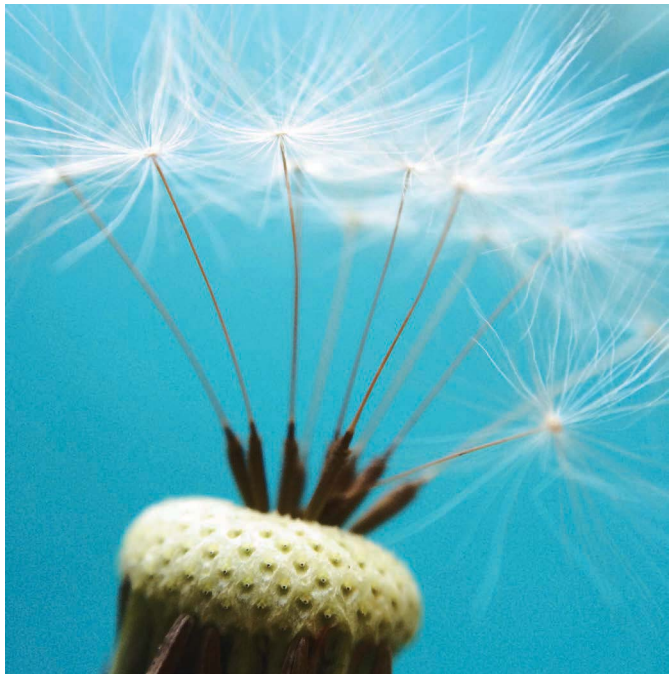
LEARN TO SEE





We are programmed to see things in their whole, complete form—a tree is a tree, a cat is a cat, a flower is a flower. What we aren't accustomed to seeing are the small parts that make up those things. A flower isn't just a flower; it has petals and a stamen covered in pollen. A tree isn't just a tree; it has leaves, bark, and seeds, and it harbors hundreds of creatures in its branches. Macro photography is all about paying attention. When you learn how to expand your vision, your images will reveal things that are otherwise invisible to you.

BACKGROUND IS IMPORTANT



Take time to consider the background of your image. Originally, the dandelion in the picture above was out in a field. The lighting was harsh and I didn't want a typical green background. Instead, I brought the dandelion carefully home and then held it against a blue sheet of paper. I then used the diffused lighting of a nearby window to illuminate the seeds. The white of the dandelion stood out against the bright blue backdrop in a way that it never would have outside.

FIND INTERESTING PATTERNS & TEXTURES

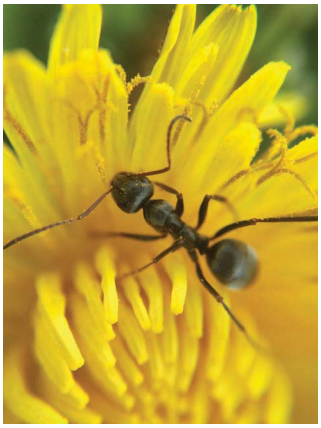




Don't see anything interesting around you? You might be surprised. The world is a treasure trove of colorful combi-

nations—embroidered fabric, a cluster of tangled moss, a unique design etched into your favorite bracelet. Be aware of spirals, lines, and other patterns. They have a way of bringing life to an otherwise boring subject.

BE PATIENT





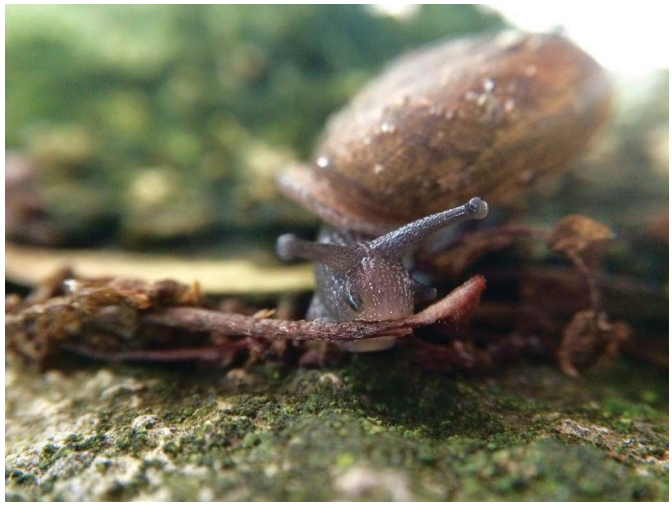
Nature photography isn't like portrait photography. People will (most the time) do what you ask. Wildlife? Not so much. You'll need to relax and embrace the fact that you have no control over your subjects—and that's the best part! If you want a picture of a bumblebee collecting pollen, sit by the flowers and wait for one to land beside you. If you want a picture of a daisy on a breezy day, you'll have to wait for a brief break in the wind. Learn to take your time.

FAVORITE APPS

ProCamera 8 + HDR
($4.99)
I like having as much control over my images as possible. ProCamera lets me set my own focus, exposure, and color, and even lets me use my Apple Watch as a shutter remote.

Enlight
($4.99)
I came across this app a month ago, and it's the only editing app I ever use anymore. It has everything I could ask for and more, from basic adjustment tools and filters to more advanced options that allow me to create a collage or a double exposure.

RECORD A VIDEO



Taking macro photos is fun, but people forget that you can also record macro videos too. I recorded a high-speed video of a snail eating some algae and it was highly entertaining to watch. Shooting a macro video is also handy if you find that your hands are too shaky to get a decent shot of your subject. If this happens, shoot a slo-mo video instead, while trying to maintain a clear focus on your subject. Afterwards, watch the video and take screenshots of the in-focus scenes. Your image won't be as high quality, but at least it won't be blurry!

HAVE FUN!

Here's the deal: You're going to take a lot of bad pictures in your pursuit of a good one. Guess what? All the best photographers do. They're going to be blurry, dark, or poorly composed. Just keep on taking pictures, even when you feel discouraged. You'll start seeing improvement in no time!



Rheanne Schlee is the associate editor of iPhone Life magazine. In her spare time Rheanne is an avid iPhoneographer who loves trying out the latest apps and gadgets for her iPhone camera. She recently graduated with her BA in literature and writing from Maharishi University of Management in Fairfield, Iowa.

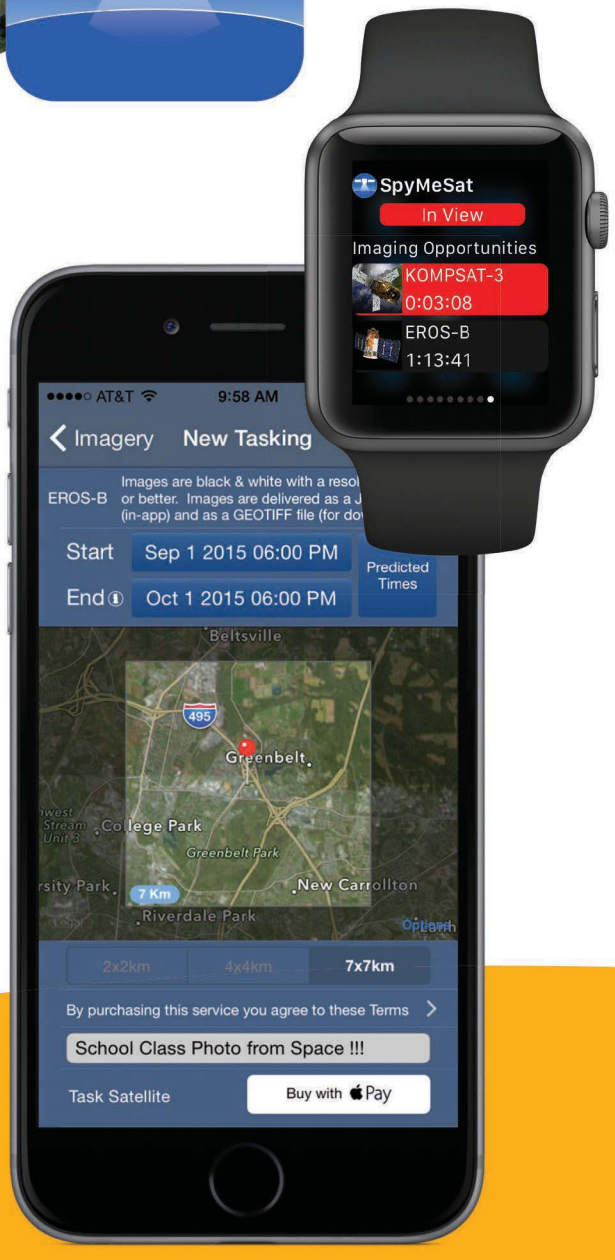
Get an iPhone tip every day

iPhoneLife.com/dailytips



Take a satellite selfie

No kidding — YOU can be in it



SpyMeSat lets you order a photo from space. Notifications provide the exact timing of the imaging event, allowing you and your group to be ready.

Download the SpyMeSat mobile app by 10/31/2015 and register for a chance to win a **free Satellite Selfie**.

SpyMeSat

satellite flyover alerts · download recent satellite images · shoot new satellite photos

www.spymesat.com

Download on the App Store

Get it on Google play

DIY

BUILD YOUR TECH NEST



Breadmaker/shutterstock

A BEGINNER'S GUIDE TO CREATING A SMART HOME

BY DANIEL W. RASMUS

I have been running home-automation products at my residence for 30 years. Today, I've achieved smart-home nirvana: lights turn themselves on and off as if by magic, doors unlock when they sense my presence, and the air temperature adjusts to match my schedule and preferences.

Since home automation is an emerging technology, it still has plenty of quirks, incompatibilities, and kinks to work out. But if you are patient, you'll find you can put together a system that lets you manage your home in a variety of ways, be it managing your thermostat from your phone or triggering your coffee maker to start your morning brew. Whatever your aim, this handy guide will help you navigate the smart-home industry and bring a little automation to your living experience.

HOME AUTOMATION 101

Although the concept of home automation may seem abstract, there are really only a few main components that you'll need to understand in order to get started: hubs, sensors, and device controllers.

A hub is essentially the brain of your smart home. It comes in the form of an app or central unit that unifies all of your devices and allows you to control them through commands sent over your Wi-Fi network. Insteon is an example of a company that offers physical hubs for its products, whereas Apple intends to use software-based controls with HomeKit.



EPSTOCK/shutterstock

Controllers, in a nutshell, turn devices on and off. Controllers come integrated with a device, such as a coffee maker that you can start remotely, and are so small now that companies can even embed them directly into light bulbs. Controllers like the **Belkin WeMo Switch** ($49.99) plug into a wall socket and let you turn off and on any electronic device connected to it, such as a fan or lamp, with your iPhone. Controllers can also come in the form of an entire light switch replacement, such as the **Insteon SwitchLinc 2-Wire Dimmer** ($49.99).

Sensors sample the environment for things like temperature, humidity, carbon dioxide, light, motion, and smoke. The hub takes input from sensors and tells the controllers what to do, such as turning on the lights at sunset and starting the coffee maker at sunrise.

STEP ONE: DECIDE WHAT TO AUTOMATE

The best way to begin is to create a vision of your ideal smart home and then make sure that vision is technically feasible and economically achievable. If you are new to home tech, you may want to start small with a couple of lamps near your bed or a porch light. Here is a list of home items most commonly automated:

- Sprinkler systems
- Heating and cooling systems
- Lights
- Door locks
- Entertainment systems
- Small appliances
- Window shades
- Garage door openers
- Security cameras

Understanding what you want is important, because the next step, selecting a platform, requires you to buy into a system that best matches your desired configuration and functionality.

PRODUCTS TO GET YOU STARTED



Belkin WeMo LED Lighting Starter Set
($49.99)
This kit includes two 60-watt WeMo Smart Light Bulbs and one WeMo Link, which allows you to connect up to 50 WeMo Smart Light Bulbs and control them individually or as a group. You can add additional WeMo bulbs at any time for $24.99 a piece. The kit supports turning lights on or off, dimming them, and creating custom schedules. To use the kit, just plug the WeMo Link into a central outlet in your home, replace your old bulbs with the WeMo incandescent bulbs, and download the free **WeMo** app on your iPhone or iPad. The bulbs have a 23-year life expectancy, based on three hours of daily use.



Insteon Starter Kit
($119.99)
This Insteon starter kit includes a hub, which connects to your router and lets you remotely control Insteon-compatible devices throughout your home. It also includes a module that lets you control and dim your lights.



Logitech Harmony Ultimate Home Remote
($349.99)
This remote and hub controls entertainment devices along with compatible smart-home devices. You can control the hub via a color touchscreen remote with gesture control, favorites, and synchronized automation scripts or via Logitech's iOS app **Harmony Control** (free). With the Harmony, you can control 15 home-entertainment devices and unlimited home-automation devices—including Philips hue lights and Honeywell thermostats.



Kwikset Kevo
($219.95)
If you want to bring home automation right to the front door, consider a Bluetooth lock, which provides individual, encrypted codes tied to your device to unlock your home. These codes can be issued remotely, so if you forget to water your plants or feed your fish, you can send a neighbor a code that provides them access via their iPhone. And it works with a key or the wireless key fob. You can also upgrade your service to Kevo Plus, which uses a hub to grant you remote access, letting you lock and unlock your doors from anywhere in the world.

STEP TWO: DECIDE ON A PLATFORM OR HUB

Many devices can function individually just by connecting to your home Wi-Fi connection, but if you want to set up more advanced settings—like having all your lights turn on when you open your door—then you are going to need to choose a specific hub or software platform that allows your devices to communicate with one another. The hub will connect to your home Wi-Fi network and take command of all your devices by understanding all of the fragmented protocols (such as Zigbee and Z-Wave) that different brands currently use.

Naturally, hubs create a lot of confusion for shoppers in the home-automation market because currently there isn't one simple smart-home protocol that will work with all your smart-home gear.

The industry is still new, and the big players are embroiled in a messy battle with competing alliances as they vie to create the best products and services to automate your living experience. Simply put, not all smart-home products currently work well together. If you want a seamless connection between your devices, you will want to buy a hub that supports all the brands you're planning to buy. Popular platforms include Lowe's Iris, Wink, and SmartThings, along with well-established companies like Insteon.

If you are motivated by security, several major telephone and cable companies offer security bundles that include basic home-automation features, such as Comcast's XFINITY system, Cox Communications Homelife, Time Warner IntelligentHome, AT&T Digital Life, and U.S. Cellular OnLook. While the cable companies install these systems for you, these security-monitoring contracts come with monthly fees.

STEP THREE: BUY THE GOODS

If you just want to automate a few lamps, all you need is a simple kit that includes a controller and Wi-Fi bulbs. If you want to control shades, door locks, appliances, or your garage doors, you will need to replace your existing equipment with new, home-automation-enabled equipment. Keep in mind that buying smart-home equipment can get expensive. This is where you need to match your budget with your desired outcome.

STEP FOUR: INSTALL THE EQUIPMENT

First thing's first: Make sure you have a good router. Most home-automation products require solid Wi-Fi or they won't work. Place your router centrally and make sure it has a good, consistent connection to the Internet.

If you plan on using a hub, set it up and establish an account first, then add all your devices to it via their corresponding apps. Remember, this isn't an all-or-nothing endeavor—you can continue to add compatible devices as you purchase them. Next, it's time to install the hardware, which can be as simple as swapping out light bulbs or plugging appliances into an existing outlet. You then need to go through whatever installation process is required by each device. This usually requires downloading and setting up an app.

STEP FIVE: CREATE YOUR RULES



Every home-automation system requires rules to work. There are basic rules, such as, "Turn on the lights at sunset and turn them off at 11:30 p.m.," and there are also data-driven controls. Internet services like "If This, Then That" (IFTTT) can drive action from its "recipes." If a stock hits a certain price, you can set your desk lamp to turn on in the middle of the day. Rules can get complex, including motion-sensing rules, light-sensing rules, or time-sensitive rules. You can even group devices, trigger events, and incorporate data into the rules.

STEP SIX: BE PATIENT

Home automation is still in its infancy, despite the wide range of big-name companies offering platforms, hardware, and services. Start small, and take your time to learn the intricacies of your home-automation purchases. Rather than getting frustrated, consider yourself on the edge of a new frontier and that you are one of the pioneers navigating the terrain. That will lower your expectations and turn the adventure into a learning experience.



Daniel W. Rasmus is the Founder and Principal Analyst at Serious Insights. Rasmus is the author of *Listening to the Future* and *Management by Design*. He is also a member of the Pinchot University faculty academy in Seattle, WA, where he teaches influence and strategy.

Immerse yourself in the future.

Get an eye-opening look at tomorrow's mobile world, straight from the visionaries lighting the way.
CTIA Super Mobility 2015 takes you beyond the horizon.

Join a prominent roster of tech luminaries, business leaders and mobile pioneers at CTIA Super Mobility 2015 as they share their visions for tomorrow's mobile technology.

From the latest consumer trends to the next-gen innovations shaping our connected world, the world's foremost authorities map out the advances shaping the future of the mobile industry.



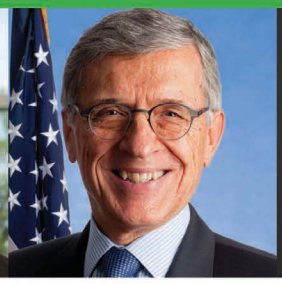
CTIA Super Mobility 2015 Keynote Speakers



Glenn Lurie
President & CEO
AT&T Mobility



Ron Smith
CTIA Chairman
President & CEO
BLUEGRASS CELLULAR

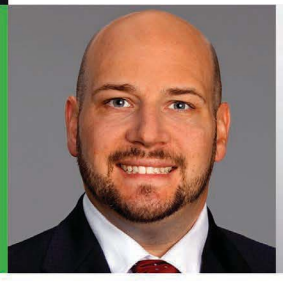


Tom Wheeler
Chairman
Federal Communications Commission



Bob Pittman
Chairman & CEO
iHeart MEDIA

Keynote Host:
Meredith Attwell Baker
President & CEO
CTIA
The Wireless Association®



Richard Maltsbarger
Chief Development Officer & President of Lowe's International
LOWE'S



Marcelo Claure
President & CEO
Sprint



Robin Thurston
Chief Digital Officer
UNDER ARMOUR CONNECTED FITNESS



Marni Walden
EVP & President of Product Innovation and New Businesses
verizon

CTIA Super Mobility 2015

In partnership with Microsoft

SEPTEMBER 9 • 10 • 11 | LAS VEGAS | SANDS EXPO

REGISTER TODAY @ www.CTIASuperMobility2015.com

Use code IPL20 to save an additional 20% off the standard rate.

DIY

LISTEN UP!



optimarc/shutterstock

HOW TO CREATE YOUR OWN MOBILE RECORDING STUDIO

BY ALEX CEQUEA

Mobile devices have changed the game when it comes to producing and sharing music and video content. The barrier to entry for a novice producer, musician, or filmmaker is unbelievably low, which means that one of the only things separating the most successful from the rest is quality. Today, it's possible to build your entire career, grow your fan base, release content, and sustain yourself financially without ever having to go through the traditional channels that dominated every content space 10 or 20 years ago.

If you're going for world-class quality, however, the iPhone and iPad alone aren't enough. You'll need a few tools to compete at the same level as some of the most successful content producers. Here's what you'll need:

PICKING A GOOD MIC

Sound quality is often more important than video quality. People can tolerate mediocre visuals with good sound, but bad sound will come across as amateurish even with the most professional-looking visuals.

IK Multimedia iRig Mic HD
($129.99)
If you're looking for an affordable but high-quality mic for recording podcasts, interviews, or video blogging, then I recommend going with the iRig Mic HD. IK Multimedia specializes in tools for mobile musicians, and the iRig HD will give you the most bang for your buck with its ability to cover an impressive range of clarity and frequency.



For an additional boost in sound quality, I also recommend getting a pop filter to guard against unwanted "popping" noises for those tricky words that begin with a p or a k. Pop filters don't vary much in terms of functionality, and you can find a large selection on Amazon starting at around $5.



Apogee MiC 96k
($229)
On the higher end of iPhone and iPad mics for studio-quality recording, I recommend the Apogee MiC 96k. This mic is perfect for musicians and vocal performers. It was built for GarageBand, and after several years in the market and continuously improved versions, it still stands above the rest in terms of quality and ease-of-use.



Blue Microphones Yeti USB Mic
($149)
While I use the Blue Yeti mic to record my online show *Social Good Now*, it can be complicated to use with your iPhone or iPad. Like many other popular mics, the Yeti uses a USB connection. To plug it in to your iDevice, you'll need to use a USB to lightning adapter and remember to plug your headphones in to the Yeti before you hook up the mic to the lightning port. If you don't, you'll get an error message saying that "too much power is required," and the mic won't work.

TAKING A STAND

Whether you're recording music or making videos, you'll need some way to securely hold your iPhone or iPad in place.



IK Multimedia iKlip Xpand Mini
($39.99)
The iKlip Xpand mini for the iPhone and its iPad counterpart, the iKlip Xpand (starting at $10 more), allow you to keep your hands free by securing your iDevices directly to your mic stand. Once attached, your iPhone or iPad can serve as a sheet music guide, live sound editor, or teleprompter. If you're a mobile musician, the iKlip Xpand is a necessary companion.



IK Multimedia iKlip Grip
($59.99)
This is the most versatile of all the stands out there. Along with functioning as a simple desktop stand for your iPhone, the iKlip Grip can fold into a nice stabilizer handle or extend up to 17.5 inches to convert it into a selfie stick. And did I mention it's also a tripod adapter and includes a Bluetooth shutter remote? Yeah, this little guy has your every need covered.

LET THERE BE GOOD LIGHTING

Lighting can be pretty tricky, especially for amateur musicians and video producers. Like good audio, good lighting can make or break your visual production.



Neewer Ring Fluorescent Flash Light
($105.99)
Whether you're recording yourself playing music or hosting your own YouTube talk show, this is pretty much the only light solution you'll need. The 600-watt, 18-inch-diameter ring distributes light evenly enough to recreate the fill light combination that is common in video production setups. It also has a spot in the center of the ring to mount your iPhone.



LimoStudio Lighting Kit
($47.51)
If you're looking for a traditional light setup at a more affordable price, this Amazon bestseller will give you the most value for your dollar. The full kit includes three light stands, two umbrellas, and three 45-watt pure white light bulbs, along with other accessories (like a carrying case). For the price and quality, this kit is a steal.

RECOMMENDED APPS



iMovie
($4.99)
Apple's iMovie is versatile enough to fulfill most mobile studio recording needs. If you need something more robust, you can always use the desktop counterpart or upgrade to Final Cut Pro. However, the latter will come with a much heftier price tag.



Loopy HD
($3.99)
The *Tonight Show Starring Jimmy Fallon* has featured Loopy several times, and it never disappoints. The app lets you record your own looping vocal sounds over beats and other melodies, and turns your lone talent into majestic full-band sounds and songs. It's worth playing around with it to get the hang of it, because once you do, you'll be hooked.



GarageBand
($4.99)
Another essential Apple tool, GarageBand is free for new iOS users and comes pre-installed on most Macs. It's the perfect entry-level solution for amateur producers, and most simple video setups won't need more than what this app can offer.



Voice Memos
(Free)
The often-overlooked Voice Memos app, which comes built in to your iPhone, is surprisingly sturdy and perfect for on-the-spot interviews. I've been able to record hour-long interviews using only Voice Memos, and when combined with a good microphone, it can create podcast-quality audio.

LET YOUR CREATIVITY COME THROUGH

As former CEO of Google Eric Schmidt famously pointed out, today we create as much content in 48 hours as we did from the dawn of civilization into the 21st century. So much content makes it hard to compete, but it also means that good quality stands out like never before. The tools you need are more accessible than ever, so go make use of them!



Alex Cequea is a contributing editor at *iPhone Life* magazine and host of *Social Good Now*, an online commentary show focusing on social entrepreneurship and social good. He's visited over 25 countries and currently lives in Austin, TX. You can reach him at me@alexcequea.com and watch his show at youtube.com/alexcequea.

We'll purchase your no-longer -used PDAs,smartphones,iOS devices,and laptops!

We buy and sell IN VOLUME!

We specialize in Windows Mobile

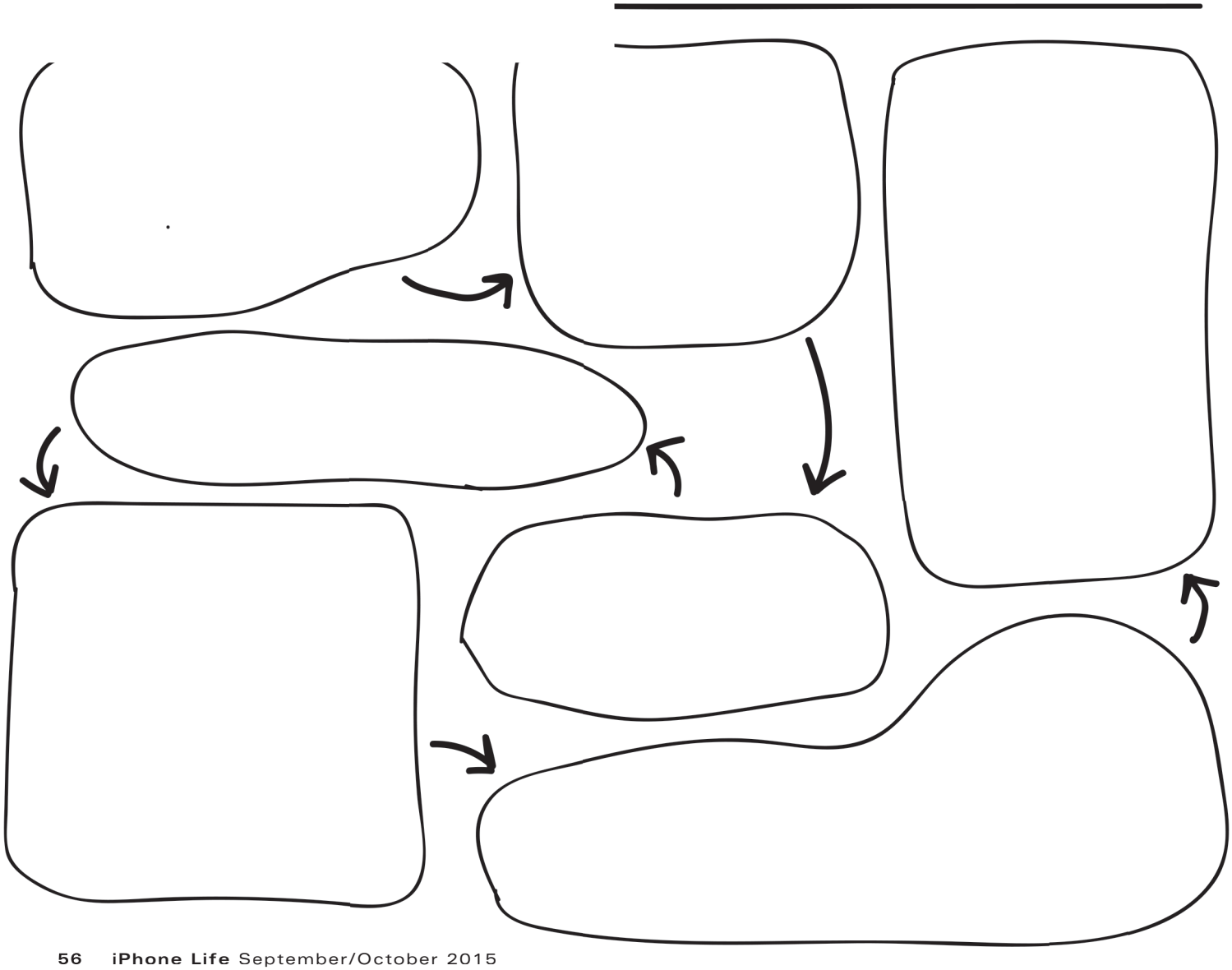


UsedHandhelds

Buying & Selling used mobile devices since 1985

Contact: 641-472-1875

or eduardo@usedhandhelds.com



YOURSELF(IE)

BY RHEANNE SCHLEE

Apelavi/shutterstock
Anchiy/shutterstock
Linda Moon/shutterstock
Robert Biedermann/shutterstock
Jamesbin/shutterstock

SELFIE DOS AND DON'TS

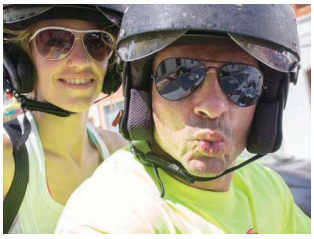
Don't Look Down

Don't look down at your camera. I repeat: Don't. Look. Down. Do you want to look like you have five chins? No? Then follow this advice!



Laugh

It sounds weird, I know, and people will rightfully look at you like you're nuts (you kind of are). But seriously—this makes your smile look genuine, even when it's not.



Common Selfie Sense

Don't take selfies in the bathroom, while driving on the freeway, after robbing a bank, or, heaven forbid, with your dead grandmother lying in a casket. Got it? Cool.

Lighten Up

Looking directly into the sun, as great as that idea may sound, only gives the impression that you are in severe pain (because you probably are). Find a nice patch of shade outside or use the diffused lighting of a nearby window.



Know Your Angle

According to selfie queen Kim Kardashian, we should all "know [our] angle" to take picture-perfect selfies. Of course, that's easy to say if you're Kim Kardashian, and every angle is a good angle.



Avoid Selfie Clichés

Here's a tip: If it looks like something you posted on MySpace when you were 15, it's safe to say you shouldn't take it. That means no faux gang signs, no duck face, and no taking pictures of yourself in the mirror with your camera flash taking up half the image.

DIY MAKESHIFT GOPRO



HOW TO CREATE HIGH-DEFINITION ADVENTURE VIDEOS WITH YOUR IPHONE

BY ALEX CEQUEA

Last year I decided to fulfill a lifelong dream of mine: taking a trip around the world. It was an ambitious undertaking, traveling to 13 countries in 4 continents and spending roughly a week in each location. I visited Tokyo, Bali, Bangkok, Mumbai, Nairobi, Athens, Rome, Venice, Berlin, Paris, Madrid, Brasilia, Rio, Buenos Aires, Lima, and Machu Picchu. To commemorate the trip, I started a video project called "High Five Around the World," in which I "high fived" the camera at every location (you can watch it here: bit.ly/1H78AW7). I didn't want to buy a GoPro for the video, and I knew there had to be a way to recreate the effect using only iPhone accessories. Here's how I did it.

THE TOOLS



Olloclip 4-in-1 Lens
($79.99)
Although the iPhone 6 camera can film in beautiful 1080p HD (a little over the 720p capability of the entry-level GoPro Hero) you'll still need some way to recreate that nice wide-angle camera effect characteristic of a GoPro (since the iPhone's 70-degree lens doesn't compare to GoPro's 170-degree lens). The olloclip 4-in-1 lens set I'd been using came with one fisheye lens, a wide-angle lens, and two macro lenses. After I removed the fisheye lens to make it less bulky, I knew I had found my wide-angle solution.

YunTeng Selfie Stick
($39.99)
Ah, the loathed selfie stick. At the time of my trip, these goofy-looking monopods weren't that common in the states, but as soon as I got to Asia, I saw street vendors yelling "selfie stick!" to every single tourist around. I knew it was only a matter of time before they were everywhere and everyone hated them. To be fair, they are actually pretty useful, especially when you want to capture a shot of yourself in front of the Eiffel Tower or overlooking Machu Picchu.



There are tons of different brands to choose from, but you should steer clear of the metal versions, which are the flimsiest. Instead, try to get one that is reinforced with plastic and that allows you to lock it when it's extended. Some selfie sticks come with a Bluetooth remote shutter built into the handle. I didn't need it since I was shooting video, but most people find the remote shutter useful for taking pictures.

TIPS FOR FILMING WITH A SELFIE STICK

Most people use a selfie stick to take pictures, but using one for filming requires a slightly different set of skills.

1. Don't Use the Front-Facing Camera
This is a rookie mistake. Most people want to see themselves while they're taking a selfie, so they use the front-facing camera, which usually has a much lower resolution than your back-facing camera. Instead, I would flip my camera around on the selfie stick and use the back-facing camera to record in HD.

2. Reinforce the iPhone Holder
You don't want to lose your iPhone to a waterfall because of a faulty grip on your selfie stick. I reinforced the device's rubber stopper with super glue so it would never slip out from the stick. Apparently this is a common problem with certain types of grips.

3. Be Aware of Your Surroundings
Sometimes you'll film in crowded places and put your iPhone at risk of being stolen. I was often extending the selfie stick on top of people's heads because there wasn't enough room to record, but only for brief moments. Mobile devices are frequently stolen abroad, so mind your surroundings.



Lifeproof frē
($79.99)
GoPros are waterproof, but iPhones aren't. Personally, I relied on my **Otterbox Preserver** ($49.95) case to keep my iPhone 5s safe, but iPhone 6 users would do well to purchase the Lifeproof frē instead. It will protect your iPhone even while fully submerged in the water, and because it doesn't add too much bulk, it can still fit easily on the selfie stick grip.



Camera+
($2.99)
Because I didn't have a remote shutter, I needed an app with a reliable self-timer. Camera+ is a killer photography app, and its self-timer feature includes a voice countdown so you know when to smile.



Limefuel Blast PRO Battery Pack
($79.99)
Battery power is life, especially when you're traveling. To avoid any power droughts, I took along my 18,000 mAh Limefuel external battery pack, which had enough juice to fully recharge my iPhone six or seven times. It saved a lot of time and frustration during my trip, especially in regions where electrical outlets were hard to come by, such as in Africa and Asia.

STORING VIDEOS SAFELY

You don't want to lose your videos if your iPhone gets lost or stolen. Sure, iCloud is a great solution for backing up your photos and videos to the cloud, but I used the **Google Drive** app (free) as an extra form of backup, paying $2 per month for 100 gigabytes of extra space. Whenever I found free Wi-Fi, I would upload as many videos onto Google Drive as I could. If my iPhone was running low on storage space, I would then delete the photos and videos I knew were safely stored elsewhere.

EDITING & PUBLISHING

My friend in Houston had access to my Google Drive and edited many of the videos before I returned from the trip. To trim short clips, you can use the built-in video editor; for more elaborate editing, try **iMovie** ($4.99). When you're ready to publish, I recommend simply uploading the video to YouTube, and if you want to keep it private, publish as Unlisted so only people with the link can view.

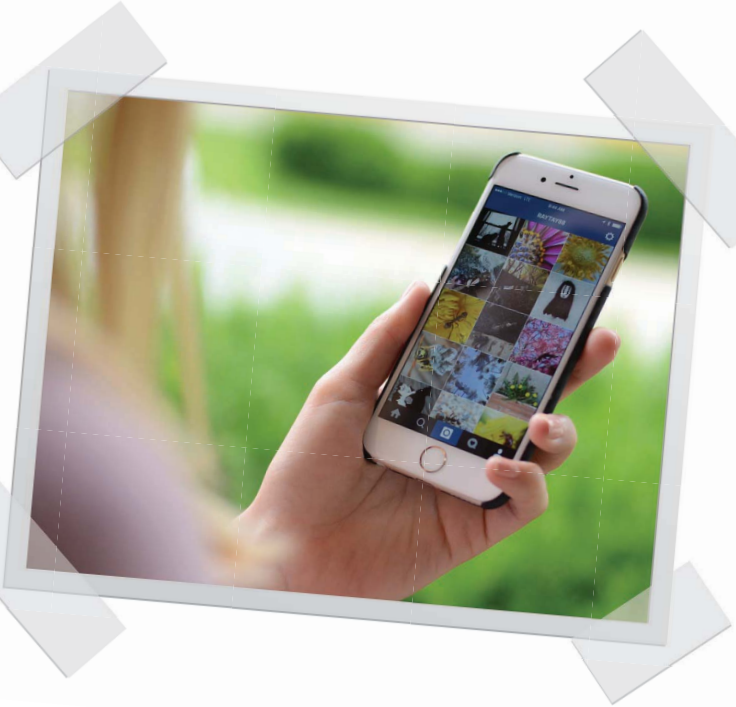
It's incredible that for about half the price of a GoPro you can recreate the same engaging effect, and with tools that have a wider range of uses. It's a great time to be a content creator.



Alex Cequea is a contributing editor at *iPhone Life* magazine and host of *Social Good Now*, an online commentary show focusing on social entrepreneurship and social good. He's visited over 25 countries and currently lives in Austin, TX. You can reach him at me@alexcequea.com and watch his show at youtube.com/alexcequea.

DIY

SNAP HAPPY



10 WAYS TO BRING YOUR INSTAGRAM PHOTOS TO LIFE

BY RHEANNE SCHLEE

It's a shame when a particularly wonderful memory becomes buried in a sea of images on your Instagram feed. A few dozen likes and comments later, and everyone, including you, has forgotten your shot that once inspired so much excitement. But it doesn't have to be that way. I've compiled a list of ideas of how to bring your favorite photos from your Instagram feed into your life, whether by turning them into home décor, creating a traditional photo book, or ordering basic prints. And don't worry if you don't have Instagram. Most of these services allow you to upload photos directly from your iPhone or Facebook as well.



CREATE A WOOD CALENDAR

Let's face it—with the rise of technology, physical calendars have become a pretty archaic concept. After all, we carry our calendars with us everywhere we go in the form of an iPhone app, so why have paper calendars taking up unnecessary space on our walls? Well, you might want to revive that old tradition after seeing these gorgeous calendars by **Artifact Uprising** ($29.99), and who could blame you? Handcrafted from reclaimed beetle pine from Colorado, these 12-month calendars let you display your favorite photos in the most elegant way. And once you cycle through all the months, you can easily order more pages with updated images.

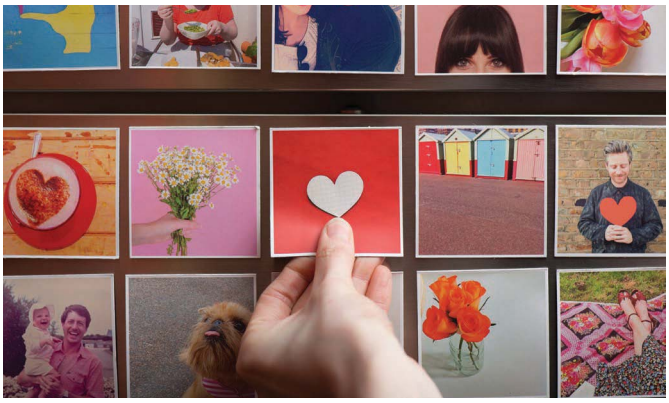
COMPILE A PHOTO BOOK



There's something about prints that make memories feel so much more personal. Sure, albums on social media are great, but they can't quite take the place of a genuine album sitting on your shelf. That's why you should design your own photo

book with **Blurb** (starting at $12.99) and give it a modern twist by incorporating your iPhone photos! Blurb offers a variety of photo-book options to choose from—including cookbooks, portfolios, and even Instagram- and Facebook-inspired books that include comments and captions. Many other companies also offer photo books, with nice options from **Artifact Uprising** (starting at $17.99) and **Social Print Studio** ($25).

PRINT PHOTOS ONTO MAGNETS



Admit it—you miss the days when your mom proudly showcased your scribbled "masterpieces" on her refrigerator door. And even if you don't, you can't deny the accomplishment you feel when you put your own work on display. For $14.99, **Sticky9** lets you transform nine of your images into 2-inch square magnets that you can place on your fridge, washer, or anywhere else that has a metal surface. You can upload images manually or from Facebook or Instagram—and shipping is free!

DESIGN YOUR OWN POSTCARDS



Email and text is a common form of communication these days—so much so, in fact, that wishing someone a happy birthday or congratulating them on a huge life achievement via Facebook or email has somewhat lost its significance. Receiving a note in the mail is more meaningful because it takes time and effort—but that doesn't mean it has to be difficult. You can use **Postagram** (free) to turn your photos into postcards that cost a mere $0.99 a piece. Simply upload your photo, write a message, and Postagram will mail your postcard directly to your loved one.

DECORATE WALLS WITH YOUR OWN ART



Why waste money covering the walls of your home with generic artwork that has no real meaning to you? Believe it or not, those filtered images filling up your Instagram feed make for some pretty spectacular living room décor—and they're all *yours*. **CanvasPop** is unique in that it is one of the few companies to specialize in printing Instagram photos on archival-quality canvas (which is designed to last), and boy, do they do it well! Although Instagram has a pretty bad reputation for dishing out poor-quality images, CanvasPop has created a special technology that transforms low-resolution Instagram shots into high-quality images that are then printed onto 12-inch ($79.95) or 20-inch ($114) square stretched canvas.

FRAME AND DISPLAY YOUR SHOTS



Okay, so I mentioned how you can transform your Instagram images into beautiful works of art printed on canvas, but did I mention you can also display them in these gorgeous frames from Social Print Studio? Well, you can, and aren't they just oh-so darling? Handmade from reclaimed Santa Cruz barn wood, these rustic frames tell a story as intricate as your

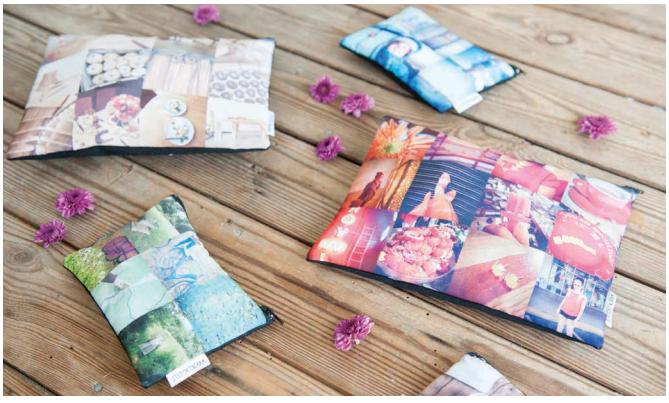
images—and they make your photos look pretty good too! Frames come in three different options: the 5-inch Slim Frame ($25), the 7.5-inch Wide Frame ($30), and the 4.75-inch Shadow Box ($30). I liked the shadow box, which let me include little details significant to my framed image (e.g., souvenirs from my trip to Alaska, my tassel from graduation, or even sand from the beach where my husband proposed).

CRAFT CERAMIC TILES



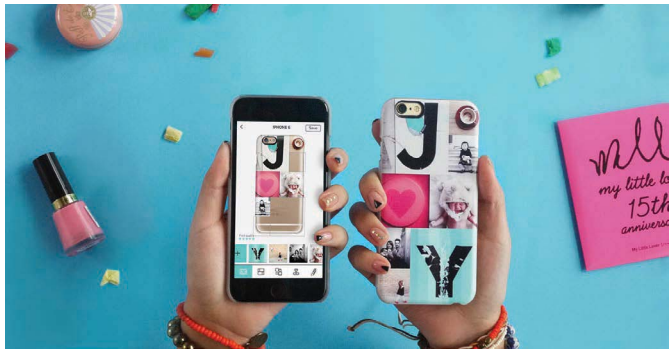
Why would you want to print your Instagram photos onto ceramic tiles, you ask? Well, there are a lot more reasons than you might think. **ImageSnap** custom prints your images onto standard ceramic tiles that you can purchase at any hardware store, and the results are incredible. Ceramic tiles come in seven different sizes, ranging from 2 inches to 12 inches. Use the 2-inch Teeny Tiles ($4) to create an intricate mosaic, or use the 4.25-inch Classic tiles ($13) to create a food-inspired backsplash for your kitchen. You can even turn your tiles into coasters sporting your favorite nature scenes.

PRINT THEM ON COTTON



I know what you're thinking at this point: Rheanne, is there anything I can't make with my pictures? Not really, and Stitchtagram is here to prove it. This company specializes in creating unique products out of your Instagram photos, including throw pillows ($68), tote bags ($78), and coin purses ($32). Simply choose the product you want, import your images from Instagram, and start creating! Photos are printed on cotton and then handmade by expert seamstresses. And if you want to make a custom t-shirt, Social Print Studio also lets you print your photos on its American Apparel cotton-poly tees ($20).

DESIGN YOUR OWN IPHONE CASE



It's fun to personalize the little things in life—like our iPhone cases! And that's exactly the niche market Casetify aims to fill, allowing you to customize iPhone cases (starting at $39.95) with your own photos. All you have to do is select your case and template, and then start importing.

KEEP IT SIMPLE—PURCHASE BASIC PRINTS



Maybe all you really want to do is order some basic prints—that's all right too! Nearly all of the companies I've mentioned let you order prints on top of their other services, including Social Print Studio, Artifact Uprising, and Sticky9. I ordered prints from Social Print Studio and absolutely fell in love with them. I received 24 4-inch prints for $12, which arrived printed on archival-quality paper with a soft matte finish. Needless to say, the quality was incredible, and I loved how easy it was to switch out my framed prints with new ones.



Rheanne Schlee is the associate editor of iPhone Life magazine. In her spare time Rheanne is an avid iPhoneographer who loves trying out the latest apps and gadgets for her iPhone camera. She recently graduated with her BA in literature and writing from Maharishi University of Management in Fairfield, Iowa.

MAKE IT RAIN!



5 APPS FOR TAKING CONTROL OF YOUR FINANCES

BY VIOLET COOPER

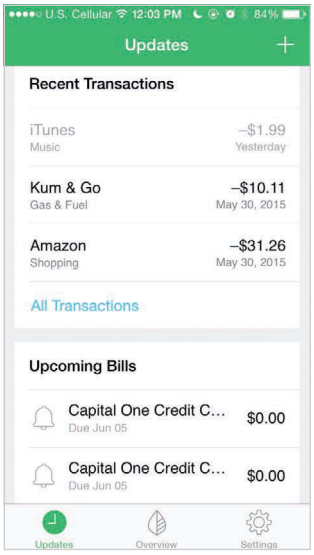
Denys Prykhodov/shutterstock

Setting financial goals can feel overwhelming. We insist we don't have time, so we push the realities of our banking or loan accounts further and further from our minds. This distance, combined with moments of fiscal weakness when we spot those genuine leather headphones or amazing vintage boots, leaves us biting our nails as we feel the weight of our growing debts.

I've been there. I believe the way to make progress toward your goals is to know where you currently stand financially, determine where (realistically) you can be in the future, and then map a path forward, one small step at a time. Today, most of us carry the best tool to ensure financial success with us every day: our iPhones. Here are a few of the best finance apps I've found for achieving financial freedom.

STICK TO A BUDGET WITH MINT

Mint (free) is one of the most popular financial apps—and for good reason! This simple app not only lets you merge all of your banking, credit, and loan accounts into one secure place, but it also lets you create a budget, get reminders to pay recurring bills, and look at your credit score, all while you are waiting in line at the grocery store. Mint is simple: Just go through the steps of adding each account that you'd like to track and then all purchases and deposits will sync to the app automatically when launched. There is no data entry with Mint, but you might occasionally have to tweak budget categories on transactions.



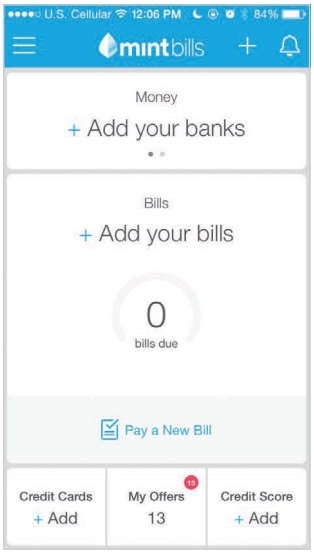


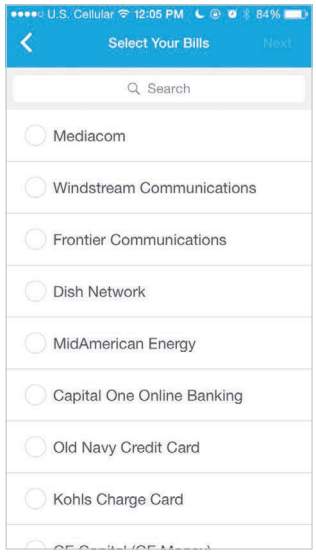
The Mint Updates page (left) shows recent transactions, upcoming bills, and credit score, while the Trends page shows you how much you spend in a variety of categories.

To customize the budget categories, click on the monthly budget bar. Mint can send you alerts when you go over budget, when bills are due, and when you're utilizing too much credit. The only downside I have experienced with Mint is that oc-

casionally an account password will fail to sync properly. But overall, Mint is a financial dream come true, and it's free.

PAY THE BILLS WITH MINT BILLS & MONEY



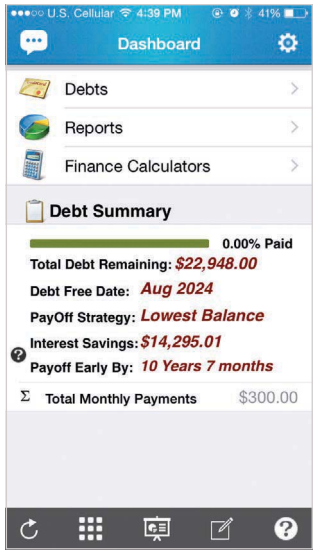


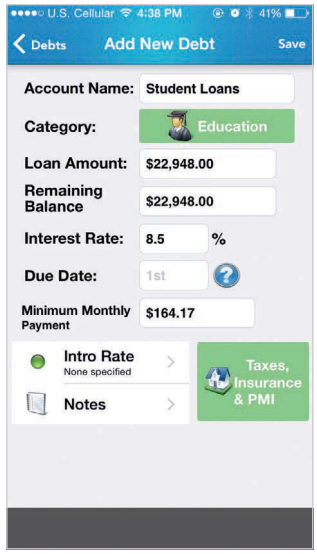
Mint Bills allows you to enter and manage all of your payees easily so you don't have to worry about missing bills.

Like Mint, the **Mint Bills & Money** app (free) comes from the financial software company Intuit, but this app has a much more specific focus: your bills. Tap to add a bank account you'd like to pay your bills from, add your payees, create a schedule, and pay your bills when they're due—all from within the app. While Mint Bills is a well-oiled machine, those who like to pay last minute should be warned. While I've never had a problem making bills on time with the app, some users making eleventh-hour payments have reported a delay in transferring cash to the payee.

PAY DOWN YOUR DEBTS

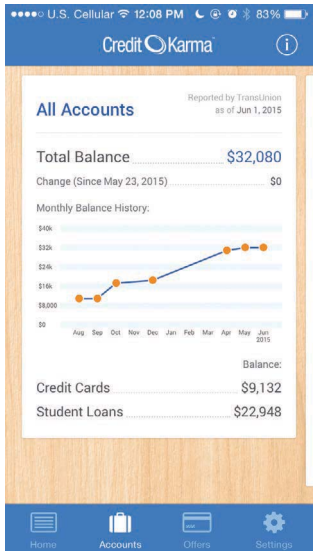
Debt Free ($0.99) is a debt-management app that uses the debt-snowball method, a strategy that encourages you to pay off low balances first while effectively reducing all of your debt. Add each debt, the interest rate, and minimum payment, and then prioritize which debts need to be paid off first. If you choose to pay off the lowest balance first, you can see how doing so will impact your debt. If paying off your highest-interest credit card is your priority, you can calculate the time it will take to succeed while still keeping track of your other debts. The app also provides email reports and offers financial calculators for when you are considering taking on a long-term debt and want to understand exactly what you are getting into.

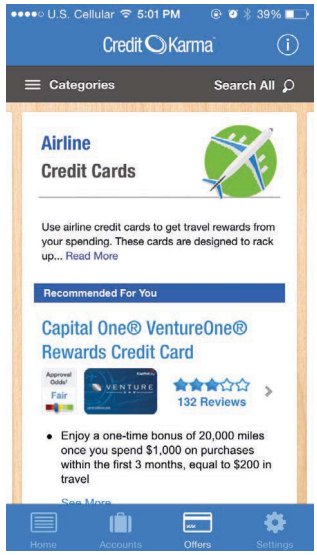




Debt Free shows how much quicker you can pay debts using the debt-snowball method, a popular debt reduction strategy.

STAY ON THE NICE LIST WITH CREDIT KARMA





In Credit Karma, you can view graphs of credit account information (left) as well as see special credit card offers from sponsors if you'd like to expand your credit.

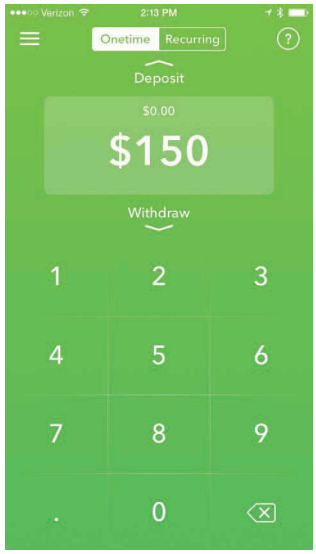
Credit Karma (free) is a service that gives you instant access to your credit scores and reports, as well as helpful information on how to easily improve both. The information is priceless, but I also enjoy using Credit Karma to

monitor my identity. If a new account is opened in my name, I get an email. I can then launch the Credit Karma app to make sure I've authorized any account associated with my name.

If you're looking to expand your credit to improve your credit score, you can look at offers from Credit Karma sponsors and see before applying how likely you are to be approved. A few of the website tools are not available in the app, but most of the content is accessible on your iPhone. My favorite feature is the Credit Score Simulator, which lets you see the outcome of any financial decision you're considering.

INVESTMENT FOR THE FUTURE



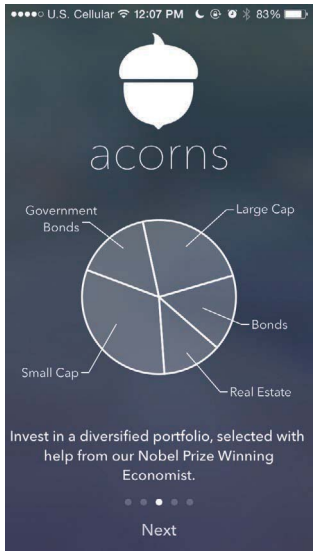


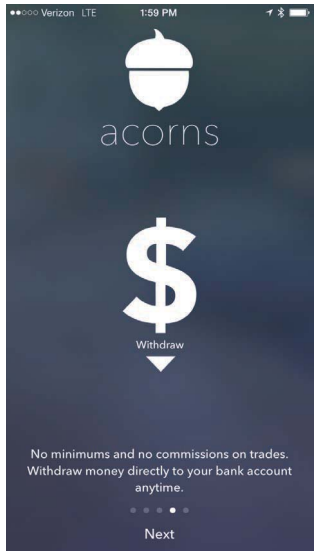
Once you link your banking account to Acorns, the app will begin collecting the change from your transactions. You can also deposit or withdraw money at any time.

Acorns (free) is great for those who want to start saving money but are unsure where the money will come from. Investing for the future can be a daunting idea, requiring a lot of personal time spent researching, or money to hire a professional to manage your portfolio. The app is revolutionary in that it lets you start investing in the stock market using spare change. It then has its team of financial experts manage your portfolio for you for just $1 per month for accounts under $5,000.

Once you've set up and synced your checking account, Acorns will track your purchases and round them up to the nearest dollar so it can collect the change. For example, if you purchase a new iPhone case for $14.23, the purchase will be rounded up to $15 and the $0.77 will be set aside by Acorns. The app keeps track of the rounded change and once you reach $5, the money is transferred from your bank account to the investment account—all without you having to do a thing.

You can set your portfolio preference to take a lot of risk or to be conservative, depending on your goals. For now, it is not possible to send your investment change to a tax-deferred account like your 401K, so you will have to pay taxes on any money you make with the app.





Acorns provides diversified portfolios and charges $1 per month (and no commissions) for managing accounts under $5,000.

INVESTMENT FOR THE FUTURE

It only took me a day to download and set them up, but the financial confidence I have gained from using these apps has been extraordinary. Any time I think about my finances and that overwhelming feeling surges through me, I just pick up my iPhone and open each app and know that I am not only on top of my finances, but also working toward my future goals. Best of all, it doesn't matter if I'm at the park with my dog or if I just woke up in the morning—as long as I have my iPhone, I have all the information I need about my finances in the palm of my hand.



Violet Cooper is a freelance lifestyle writer. She loves spending time with her husband, enjoys going on adventures, and is an Apple enthusiast.

DIY

SKIP THE GYM



RossHelen/shutterstock

THESE APPS AND GEAR WILL HELP YOU GET FIT AT HOME

BY KATE PALBOM

Most New Year's resolutions begin in the same vein: get in shape, eat healthier, take that pilates class with the cute instructor, etc. But the truth is, finding time to work out can be *tough*. After commuting to and from work, running errands, and keeping family commitments, we are simply out of time. What if we could find a way to make the gym come to us instead?

Thanks to the wonders of mobile technology, you may just be able to stay home *and* stay in shape. Here's a lineup of high-tech fitness gear and apps that will help you build an awesome fitness setup that will be the envy of all your friends.

WORK OUT IN YOUR OWN SPACE



iMuscle 2
($4.99)
This resistance-training app demystifies the way the body works with high-definition images of a muscularly exposed avatar as it performs more than 650 exercises. To build your resistance workouts, simply zoom in on any area of a 3D image of the human body and tap a muscle group to see exercises targeting that zone. Tap again to add an exercise to your workout or to see detailed, animated instructions. Still not sure how to execute a move? iMuscle2 takes the guesswork out of your routine by allowing you to rotate and zoom in on body parts for an even more detailed view.



LifeFitness F3 Folding Treadmill
($2,599)
I know, this treadmill is expensive, but with the average gym costing about $80 a month, it won't be long before this piece of equipment pays for itself. LifeFitness is known for its high-quality, long-lasting treadmills, and this model lives up to the company's legacy. The first treadmill of its kind, the F3 is an easy-to-move, foldable unit that links to your iPhone or iPad via the system's Track+ console, allowing you to track your workouts in real time, as well as create personalized workouts on your iDevices.



Withings Smart Body Analyzer
($149.95)
This wireless scale gives you a full picture of your health by tracking your weight and body composition. Serious home-gym goers can switch the scale to "Athlete Mode" for more accurate measurements, while those who engage in moderate activity can select from a range of onboard body types designed to match their physique. The Smart Body Analyzer can even assess your home gym's indoor air quality by measuring the temperature and carbon dioxide levels, letting you know when air quality is poor. Data is synced to your iPhone via Bluetooth to the **Withings Health Mate** app (free), giving you access to personalized graphs and charts. This device can accommodate up to eight different users and is compatible with other health apps like **MyFitnessPal** (free).

Yoga Studio
($3.99)
Yoga Studio is the number-one yoga app on the market, providing an inviting and simple interface that makes it easy for beginners and advanced yogis alike to find programs to get centered at home. Choose from over 24 hours of ready-made yoga videos to find the "class" that's right for your skill level. Classes can be downloaded to your device in one small file, meaning you can practice yoga any time—even when there's no Wi-Fi.

Yoga Studio's pose tab offers detailed images and instructions, including tips to help you move safely and properly through each pose. Not keen on their pre-planned classes? That's OK, you can browse over 280 poses and create your own custom class instead, consisting of all your favorite postures and movements. You can even sync your favorite classes with your calendar and receive reminders when it's time to practice.

KEEPING FIT OUTSIDE YOUR HOME

MyFitnessPal
(Free)
Programmer Mike Lee invented this popular calorie counter and diet-tracking app after he and his wife resolved to lose weight for their beach wedding. Today, MyFitnessPal remains one of the most popular fitness apps on the market, allowing users to build their own individualized profiles and set achievable weight-loss goals. With over 5 million food items listed, this app houses the world's largest food database, so you can easily keep track of your daily nutritional intake. You can also edit your serving sizes, get personalized reports and graphs on your progress, and even import your favorite recipes for effortless tracking.



Jawbone UP4 Activity Tracker
($199.99)
Monitor your movement and heart health with the latest addition to the renowned Jawbone activity tracker line: the Jawbone UP4. The bracelet measures your activity, sleep, food, and heart rate. It even has a built-in "Smart Coach" that offers personalized advice. The internal precision motion sensor tracks your activity and turns it into usable health data. During sleep, the UP4 uses actigraphy to capture micro movements that determine when you're asleep or awake to assess your quality of rest. It also learns to wake you up with gentle vibrations at the optimal time during your sleep cycle. The new soft and stylish design has a long-lasting battery life and syncs wirelessly to the free **UP** app.

These apps and gadgets will help you maintain your fitness goals no matter where you are—be it in your own living room or on your favorite outdoor trail.



Kate is an Ottawa-based freelance writer and editor who specializes in reporting on the health, lifestyle, and technology sectors. Her work has been featured in the Huffington Post and in marketing campaigns in Canada. Follow Kate on Twitter @KatePalbom.

Get an iPhone tip every day

iPhoneLife.com/dailytips

DIY

HIGH-TECH HARVEST



yuris/shutterstock

A GARDENER'S STEP-BY-STEP GUIDE TO GROWING YOUR OWN VEGETABLES

BY BECCA LUDLUM

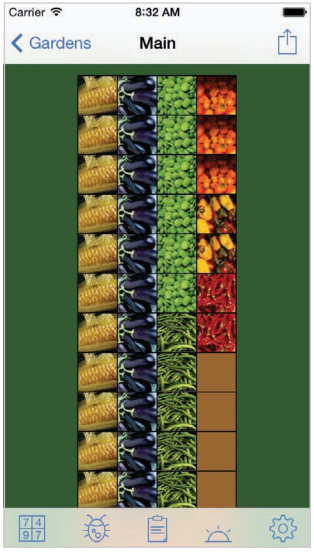
Gardening isn't easy. My gardening buddy (my 10-year-old son Jack) and I are learning this quickly after building and filling our three raised-bed garden boxes with vegetables. I'm a set-it-and-forget-it kind of girl, and gardens need to be remembered. Jack and I have decided that the only way our seedlings will live is with the help of my iPhone. Here are the apps and products we're using to help our vegetable patch thrive.

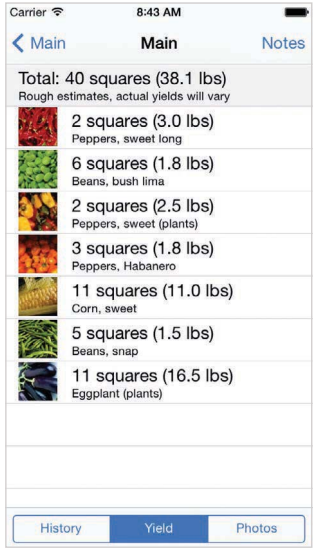
PLANTING YOUR GARDEN

It takes a village to grow a garden! My village is made up of iPhone apps like the ones below. Each plant variety has different needs, such as the amount of space it requires and how much (or little) sun it prefers. These apps will help you plan out and plant your garden by taking all of these different factors into account for the best chance of success.

Sun Seeker
($9.99)
Are you planting grapes that only need to receive three hours of full sun each day? You can use Sun Seeker to help you decide where to place them. The app uses GPS along with your phone's magnetometer to display the sun's current location and path throughout the day. I find it useful when my garden planning is almost finished and I want to double-check the locations I have chosen for planting.

Garden Tracker
($3.99)
Garden Tracker allows you to arrange your garden digitally before getting your hands dirty. Once you've planted your vegetables, you can store photos of them to keep track of their growth over time (which has been a lot of fun for my son and me!). In addition to planning your garden, this app lets you make note of when you last watered or fertilized your plot, and helps you count the days until harvest time.





Garden Plan Pro
($7.99)
This, friends, is the app I can't live without. Garden Plan Pro lets you carefully map out your garden plot. You can add individual fruit trees or flowers, rows of cucumbers and carrots, or a patch of your favorite herbs to see how they all fit together. Then, based on the climate where you live, the app recommends dates to plant and harvest your fruits and vegetables. The app includes a database of gardening knowledge with tips for best practices and notifications that remind you to rotate your crops and tend your plants.

iGarden USA
($4.99)
I love this localized app for its customized planting instructions based on your climate. You can add custom seed information, take notes or pictures of your crops to help you document your process, and check the forecast with the integrated weather app.

TENDING YOUR GARDEN

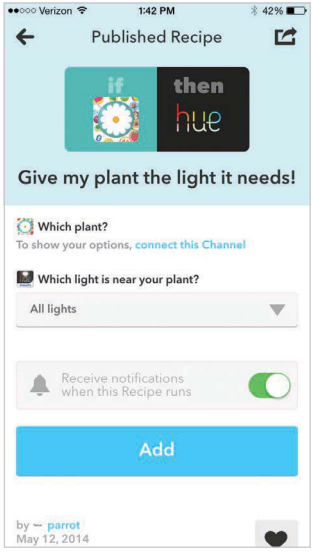
This is supposed to be the easy part, right? These apps and accessories help me deliver the water and nutrients my garden needs without too much guesswork.

***The Dirt on Organic Gardening* Magazine**
($2.99 per issue on the iTunes store)
Read about organic growing methods from urban gardening experts with a subscription to *The Dirt on Organic Gardening* digital magazine. The Dirt covers seasonal topics for both gardening newbies and established gardeners.



Parrot Flower Power
($59.99)
Wouldn't it be great if your plants could remind you to water them when they begin to get dry? That's exactly what the Flower Power by Parrot lets them do. The Flower Power device monitors light intensity, temperature, soil moisture, and fertilizer levels, then sends that information to your iPhone via Bluetooth Low Energy (which requires less power and is therefore more eco-friendly than traditional Bluetooth). Insert the Flower Power alongside the most fickle plant in your garden to help you stay on top of its care.

IF
(Free)
If you're familiar with IFTTT (short for "if this, then that"), you'll be thrilled to know that it offers recipes for your garden using weather reports, smart sensors, and the Reminders and Messaging app on your iPhone. If you're not familiar with the app, this is the perfect reason for you to begin using it.





IF allows you to set up "recipes" for your tasks, such as "If the weather calls for rain tomorrow, then send a text to remind me to shut off my drip system." This app also works well with certain accessories such as the Parrot Flower Power.

TROUBLESHOOTING

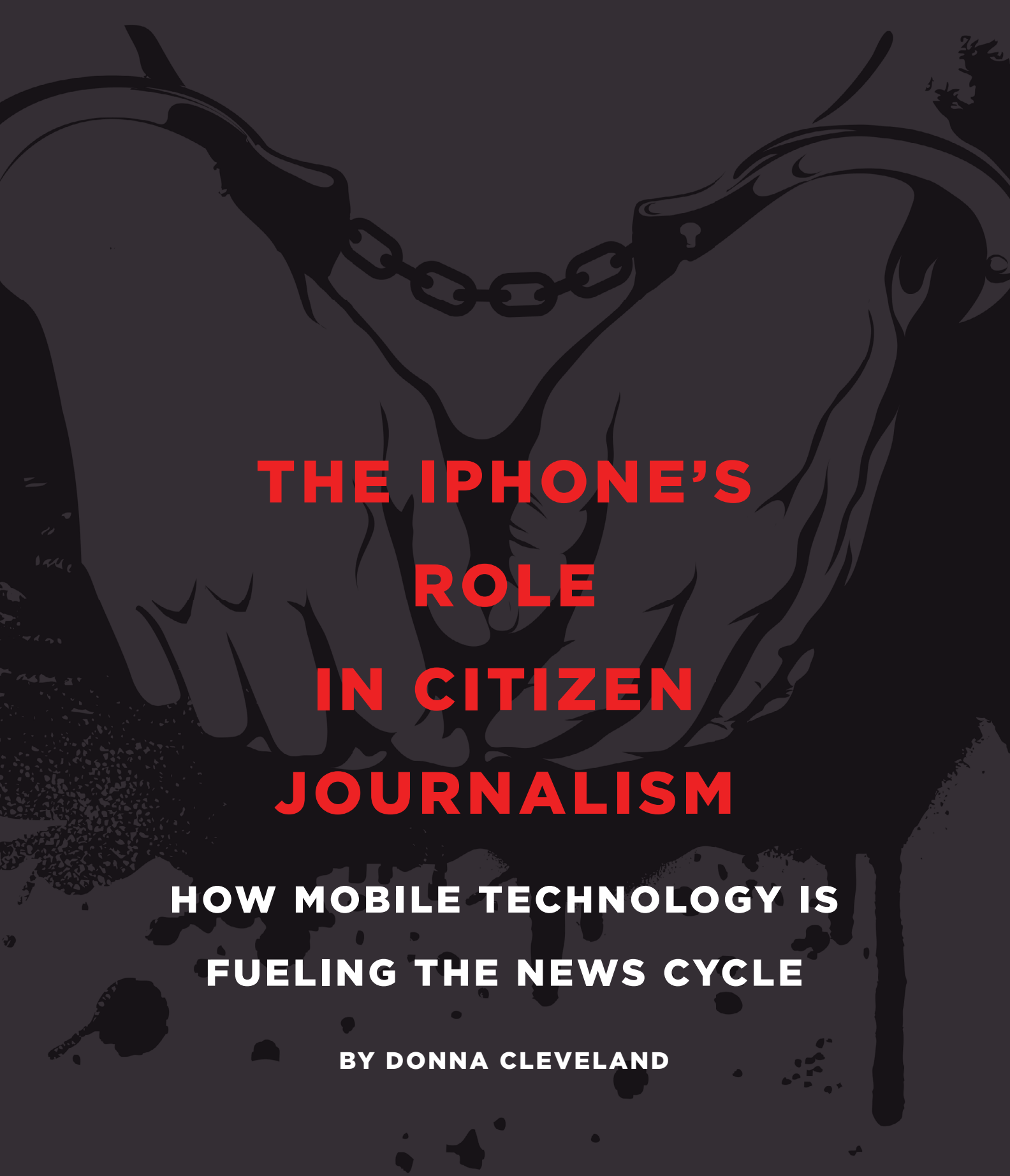
Nobody looks for garden woes, but sometimes they come looking for you. These apps and accessories help spot potential problems before they get out of hand.

Garden Compass
(Free)
Identify pesky pests and plant diseases with Garden Compass. If the app's database doesn't have what you're looking for, there's an option to submit a photo of the problem plant via the app for help.

Nest Cam
($199)
What's been eating your tomatoes? You can see for yourself with Nest Cam. Triggered when recording movement, the video recorder connects with your iPhone via the **Nest** app (free) to allow you to keep an eye on rodents and other animals feasting in your garden beds.



Becca Ludlum is a blogger and freelance writer. She is the go-to gal in her circles for everything iPhone and loves finding new apps, tips, and tricks to share. Becca lives in the middle of the Arizona desert with her husband and two boys, and can't imagine life getting any better. Check out her parenting and technology blog at MyCrazyGoodLife.com.



THE IPHONE'S ROLE IN CITIZEN JOURNALISM

HOW MOBILE TECHNOLOGY IS FUELING THE NEWS CYCLE

BY DONNA CLEVELAND

Noch/shutterstock

THEY SAY A PICTURE IS WORTH A THOUSAND WORDS; SOMETIMES, A PICTURE CAN CALL WORDS INTO QUESTION. IF IT WEREN'T FOR A SMARTPHONE VIDEO, FEW WOULD HAVE BELIEVED THE THREATS MADE BY A POLICE OFFICER TO A GROUP OF TEENAGE BOYS ON MARCH 18 IN SOUTH MINNEAPOLIS. IN A 30-SECOND CLIP CAPTURED BY 17-YEAR-OLD HAMZA JEYLANI, YOU CAN HEAR AN OFFICER SAYING: "PLAIN AND SIMPLE, IF YOU F--- WITH ME, I'LL BREAK YOUR LEGS BEFORE YOU GET A CHANCE TO RUN. I'M BEING HONEST, I DON'T SCREW AROUND."

The police proceeded to handcuff and arrest the four boys. When Jeylani asked why he was being arrested, the officer answered: "Because I feel like arresting you."

During an interview with communications director for the American Civil Liberties Union of Minnesota Jana Kooren, the boys, who are of Somali descent, said they felt strongly that they had been racially profiled. "They didn't feel this would have happened to someone affluent in the suburbs," said Kooren. "To hear an officer be so viscerally hateful to young black boys who had done nothing wrong is very disheartening."

As a result of the video, the arrest made national headlines, the Minneapolis Police Department is in the midst of an internal investigation, the offending police officer Rod Webber is on administrative leave, and the Council for Islamic-American Relations has requested that the Justice Department investigate the incident. "People are always more likely to believe you when can they see it," said Kooren.

This is just one example of how mobile technology can now play a role in every stage of the news cycle, from generating stories to consuming and sharing them. For the first time, mainstream media channels are looking to citizens as sources for breaking stories. In the new landscape of citizen journalism, it's worth examining the ways in which mobile technology has changed how we learn about the world.

THE POWER OF THE VIDEO CLIP

An unarmed black man is killed at the hands of a white police officer—this is an uncomfortably familiar story in the United States. Debra Sanchez, director of marketing for the ACLU, said these stories are in the public eye due to the ubiquity of smartphones. "People of color take the brunt of police brutality," she said. "This is a huge problem for our country, and it has been for many years. The difference is that we can see the problem now."

The last year has offered a number of disturbing examples. The whole nation heard Eric Garner saying "I can't breathe" as a New York police officer held him in the chokehold that led to his death during an arrest for allegedly selling loose cigarettes. We watched an officer in North Charleston, South Carolina, gun down Walter Scott as he fled unarmed, and we saw 25-year-old Freddie Gray of Baltimore being dragged to the police van during the arrest responsible for his fatal spinal injury.

To aid in the recording of police interactions, ACLU affiliates in a handful of states have recently released **Mobile Justice** apps, which allow users to record and upload footage instantly to their local ACLU chapter.

"It's really about empowering people to document police misconduct where it exists," said Sanchez. "So many people would like to deny that it exists, but it does, and we know that. It helps to have proof."

THE IPHONE: A TOOL FOR SOCIAL JUSTICE?

Police reports do not always convey the same story as a bystander's video. According to Los Angeles criminal defense attorney Peter Berlin, it's difficult to defend a case involving police officers when there's no documentary evidence, such as videos, photos, or call logs. "Sometimes it's only the word of the police against the defendant's word," he said.

Because police are trained experts, Berlin said judges tend to favor police testimonies across the board. "Police are considered more trustworthy and we don't believe that is necessarily so. A police officer's word shouldn't be given more weight for common true or false statements," he said. "They're non-scientific observations."

When there's video, he said, suddenly these questions of bias become less of an issue. "Video is some of the most powerful evidence you can have," said Berlin. "If you get a police officer saying one thing and doing another on video, it goes a long way to disprove a police report."

"VIDEO IS SOME OF THE MOST POWERFUL EVIDENCE YOU CAN HAVE." -PETER BERLIN

Cellphone videos have ended many police officers' careers. A Washington State police officer resigned after a video emerged in February showing him shooting and killing an unarmed Mexican immigrant who was throwing rocks at officers. In June, an officer in McKinney, Texas, retired after teenager Brandon Brooks recorded him wrestling a 15-year-old black girl to the ground at a pool party, actions the McKinney police chief himself described as "indefensible."

FUELING THE NEWS CYCLE

Today, the mainstream news channels themselves monitor social media, looking for newsworthy video from citizen journalists.

"The news cycle is really drawing on citizen journalists," said Sanchez. "Before, people might call up news stations to give a tip. Without a video, it certainly wasn't a story for TV."

Grant Stern, executive director of Photography Is Not a Crime (PINAC)—a news outlet devoted solely to publishing stories of police misconduct—says roughly 85 percent of videos published to the site are recorded with smartphones. When PINAC launched in 2007, Stern said large publications didn't take citizen journalism seriously. Now he said PINAC breaks the same stories as mainstream news channels.

"In the past, mainstream media didn't want to use smartphone videos. They would say, 'It's an unconfirmed report.' Now they've decided that the Internet exists. This is new journalism, not old."

SOCIAL MEDIA & THE IMPORTANCE OF CONTEXT

Smartphones not only let us record incidents, but they also play an important role in how we share stories and footage. "In order to dispense a story worldwide, you just need your phone," said Berlin. "Social media plays a huge role in the spread of information and, in some cases, misinformation."

While utilizing the devices we carry at all times to increase the government's accountability is a breakthrough, it's also important to acknowledge limitations.

"Just because a story is viral doesn't mean that it's just or that facts have been checked, proven, or verified," he said.

Berlin cited last year's discredited *Rolling Stones* story of a brutal gang rape at University of Virginia. A review by the Columbia University Graduate School of Journalism called it "a failure that was avoidable," noting a lack of clear methodology in a changing media industry as the main cause.

Publications are struggling to maintain their integrity in a faster-than-ever news environment. Add to that our propensity to share and comment on sensationalized headlines on Twitter and Facebook without reading the story in its entirety, and misinformation can spread quickly.

"Stories can get out of control and can wind up being the farthest thing from the truth," he said.

Berlin's also concerned that people don't understand cases from a legal perspective. According to a 1985 Supreme Court ruling in Tennessee v. Garner, an officer must have a reasonable belief that a suspect poses a significant and imminent threat to the officer or others in order to use deadly force. Knowing this sheds some light on why Ferguson, Missouri, police officer Darren Wilson, who claimed he was under attack by 18-year-old Michael Brown before he shot and killed Brown last August, was not indicted, whereas officer Michael Slager, who was recorded clearly shooting an unarmed Walter Scott as he ran away, was.

"FIRST, IT WAS THE INTERNET THAT TURNED THE WHOLE JOURNALISM INDUSTRY ON ITS HEAD. NOW, MOBILE TECHNOLOGY HAS CHANGED JOURNALISM ONCE AGAIN."

"People will say, 'Well here we go again, another incident just like the one before,'" said Berlin. "Everybody likes to be quick, and there is no rational discussion."

Berlin suggests that each case should be considered individually. While Sanchez agrees, she says it's equally important to see the larger picture. "Each case is different, but they do draw a narrative that shows that communities of color are disproportionately impacted by police brutality," she said. "People who deny that are trying to explain away a harsh reality."

RISK TO CITIZEN JOURNALISTS

Taking photos or videos of the police in public places is a constitutional right protected by the First Amendment, yet citizens are often put at risk for doing so.

California resident Beatriz Paez plans to file a lawsuit after a deputy U.S. marshal violently ripped her phone out of her hand while she was recording police activity on a public sidewalk. This instance and many others highlight the purpose of the ACLU's Mobile Justice apps, which immediately upload to the ACLU even if the phone is destroyed. A similar app, **Cop Watch**, developed by Darin Baptiste of Toronto, begins recording when you hit the app icon and instantly uploads to YouTube.

While neither app has reported high usage rates yet (many videos are of people testing it out), Sanchez said the big benefit of the ACLU app is that it helps build awareness that it is in fact legal to film the police with your smartphone. Both apps have a section that educates users on their rights when filming the police. They explain that you may film in public places but, in most cases, not on private property. You're also prohibited from interfering with police work.

The police may not search your phone when they arrest you unless they have a warrant. A few states (such as Florida and Nevada) have wiretapping laws that do not permit you to record a conversation that you are not a part of.

The apps' makers encourage people to use common sense when using the app, such as being careful when reaching for your phone so cops don't mistake the device for a gun. Users filming an arrest should also be sensitive to the individual's privacy, and if possible, get his or her approval to record.

LOOKING FORWARD

First, it was the Internet that turned the whole journalism industry on its head. Now, mobile technology has changed journalism once again. We've entered new territory in which we must learn how to ethically interpret and share footage and maintain standards in the fast-paced social media landscape. Yet it's unearthing truths that we're forced to face as a society. As Kooren of the Minneapolis ACLU sees it, such videos advance the conversation in ways that weren't possible just a few years ago. "If all you're doing is arguing over whether or not there is a problem, you're not going to get to the solution," she said.

Perhaps the greatest endorsement has come from the parents of Walter Scott, who said they were thankful the video of his death was released to the public. While the video itself cannot bring justice for their son, it has hit a nerve among people in this country, allowing them to share the family's outrage and shed the denial that has been pervasive in our society for so long.



Donna Schill Cleveland is the Editor in Chief of *iPhone Life* magazine. After a short stint as a newspaper reporter, she became web editor at *iPhone Life*, where she continues to pair her penchant for storytelling with her love of Apple products. Donna holds a master's degree from the University of Iowa School of Journalism & Mass Communication.

Subscribe Now

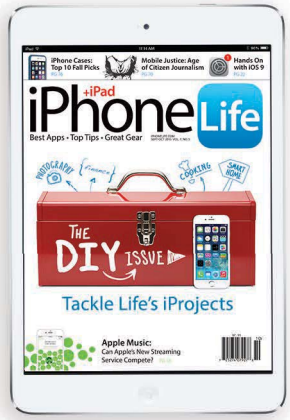
Save $90!

Best Apps, Top Tips & Great Gear in every issue!

Both Print & Digital for only $15.97!

MONEY BACK 100% GUARANTEE







www.iPhoneLife.com/Subscribe



GET STARTED WITH APPLE'S HEALTH APP

BY JOE GASS

With the release of the Health app, Apple gave you the ability to gather together in one place your diet, rest, and exercise information—pretty much the golden triangle for good health. The app allows you to customize what elements of your health you want (or need) to track using nifty dashboards.

Perhaps you've been intrigued enough to open the app, but with nearly 70 potential items to monitor and without clear instructions for getting started, you likely thumbed the Home button and moved on. Since it's always a good time to rekindle those New Year's resolutions, let's dive in and learn how put the Health app to work for you.

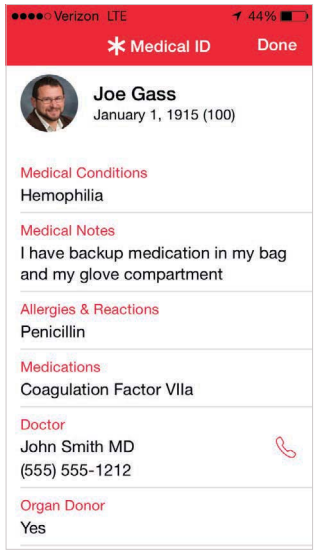
If you own an iPhone 6 or 6 Plus, your device's built-in fitness sensors are already gathering your basic fitness data, including steps taken, distance travelled, and flights of stairs climbed, which will be displayed when you open the Health app's dashboard. If you own an older iPhone, your dashboard will be empty. To control the data gathered by your device's built-in sensors, go to Settings > Privacy > Motion & Fitness > Fitness Tracking. You can also manually enter data, but it's more likely that you'll want to connect data from third-party apps (which we'll teach you how to do later).

MEDICAL ID

Forget trying to get healthier for the moment—if you have something like anaphylaxis (severe allergic reactions), entering your Medical ID information could save your life. This portion houses key medical information and emergency contacts. Emergency responders know to look for things like this, the way they knew to look for "ICE" (In Case of Emergency) in the contacts list on your old flip phone. Responders can access your Medical ID even if your phone is locked by tapping Emergency where you would normally type your passcode, and then tapping Medical ID.



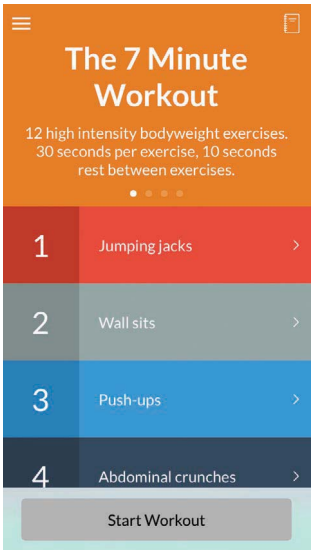


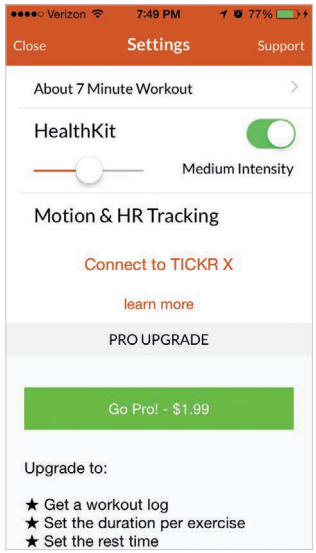


To create your ID, open the Health app and tap Medical ID on the bottom right of the screen, then tap Create Medical ID. Here you'll be able to add your basic vitals as well as important information such as your medications, allergies, emergency contacts, and blood type. You can even upload a selfie so the paramedic can make sure you're not carrying someone else's phone.

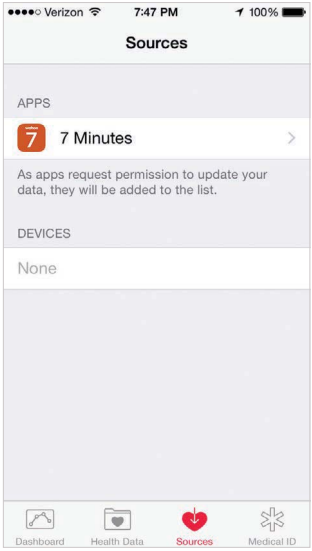
TRACK YOUR FITNESS

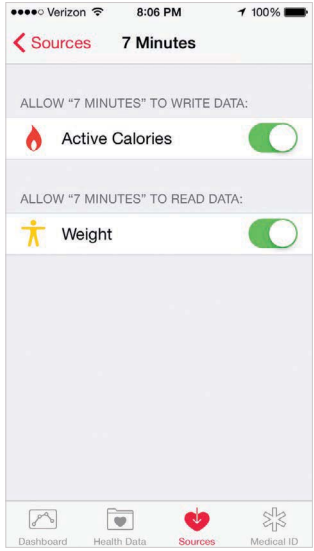
The best way to make the Health app useful is by connecting it to other third-party health and fitness apps. You'll want to make sure the apps have implemented HealthKit, a developer tool that allows the apps to communicate with each other.





As an example, let's look at the popular fitness app **7 Minute Workout** (free) by Wahoo Fitness. While each app works a little differently, the setup process is similar for most third-party fitness apps. After downloading the app, tap the Settings icon in the upper left-hand corner of the screen and activate HealthKit. Next, you'll be taken to a screen where you can approve the exchange of information between the two apps. Toggle on Active Calories to share your 7 Minutes data to the Health app and toggle on Weight to send the Health app's weight data to the 7 Minutes app. When you open the Health app again, you'll see the 7 Minutes app has been added to the Sources section.

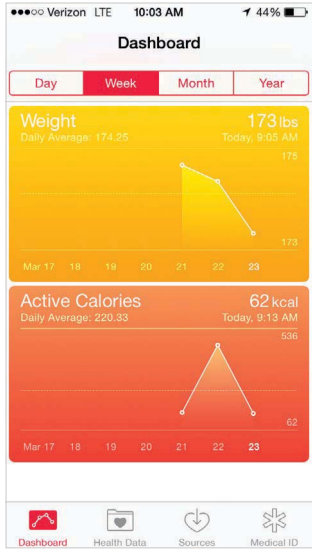


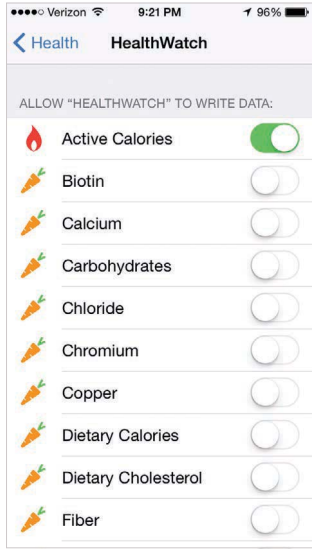


After three days of using 7 Minute Workouts, plus going for a swim and a walk, I lost three pounds—woo hoo! You do have to enter your own weight (unless you connect a smart scale), and so of course I totally lied about mine.

TRACK YOUR NUTRITION

Let's take a look at a more robust app called **HealthWatch 360** (free) that can send a wider variety of nutrition and fitness stats to Apple's Health app. You'll be impressed with the app's ability to scan barcodes in the food log and present detailed nutrition information in the Daily Report. **MyFitnessPal** (free) is another great option if you're looking for a comprehensive diet and exercise tracker. Once you've enabled HealthKit in the app's Settings, you'll be able to view a comprehensive set of nutrition and fitness dashboards when you regularly enter your food intake and exercises.





Having a bird's eye view of your aggregated health information in a tidy visual display should motivate you to make progress with your health and fitness goals. And the implications for tracking things like sleep quality and serious medical information can be even more profound. Hopefully this has alleviated any apprehensions you may have had using the app, and you are now ready to forge ahead with your health goals.



Joe Gass has a BS in Health Sciences and over 20 years of experience in a wide variety of roles in healthcare. A recovering triathlete and yoga instructor, Joe currently works as an information specialist in the medical communications industry.

TOP 10 IPHONE CASES FOR FALL

BY REBECCA SANTIAGO

For Apple patrons, fall is a great time to go shopping for not only a new iPhone, but also for a shiny case to swaddle it in. What better way to spend your money than on gear for your most prized possession? I mean, unless you're a generous billionaire experiencing a sudden hankering to send a young writer to the Maldives just for kicks. If that's the case, totally prioritize that over a phone case.

But, yes, your phone is guaranteed to be on your person every single moment of every single day. (That's right, everyone knows you play 2048 in the bathroom sometimes. Hey, this is a no-shame zone.) All this is to say, if you're investing in a phone case, you'd better love how it looks and performs. Here are 10 of my tried-and-true favorites:



Flexion Euphoria
($15.99)
It's such a bummer to have to cover up a sexy new phone with a case. What I like about the Flexion Euphoria is that it feels very on brand—it doesn't look exactly like an iPhone, but it maintains a very similar vibe. All that sleek goodness tops off with a nice pop of color and a microfiber lining, the latter of which keeps your phone in mint condition. The lip over the screen adds a nice protective touch, if you've got butterfingers like me.



Adopted Saddle Leather Folio Case
($49.95)
I'm so obsessed with this brand. I first discovered Adopted when I was working at a Very Fancy Magazine, and during my time there, I managed to convert a handful of Very Fancy Editors to Adopted users. And editors are picky! Anyway, this tactile leather wallet case is especially gorgeous. It's masculine in a way that lends itself to unisex use, if that makes sense—like the tech equivalent of a "boyfriend blazer," except much more luxe. (That stitching!)



ThinOPTICS Glasses + Phone Case
($38.95)
You don't even want to know what my glasses prescription is. I basically have to pull a Velma every morning when I wake up. Which is to say, I never lose my glasses, because losing my glasses is not an option. My mom, however, has a gift for misplacing her every-now-and-then reading glasses. Well, never again mom! Because now you can keep a pair of super-thin, stem-less glasses within your very phone case. The case itself is slimmer than you'd expect, and clicks into place with ease, while the glasses come in a range of funky colors and lens strengths.



OtterBox Resurgence Power Case
($99.95)
If you were to judge me by my actions alone, you would think I love nothing more than to adamantly neglect to charge my phone, except perhaps to drop it on the ground repeatedly throughout the course of the day. So thank god for this über-practical, hard-shell OtterBox case, you know? It's as spectacularly sturdy as you'd expect, with a scattering of sharp design elements and the added benefit of a built-in battery. A little LED indicator on the back lets you know when the case needs to recharge.



Kate Spade New York Saffiano Wristlet
($99.99)
Man, this is the wallet-meets-sleeve phone case I wish I'd had in college, back when I used to slide my college ID in between my phone case and phone—which ultimately stretched it out and rendered it unusable (RIP stripey case). This baby's got space for everything—your driver's license, your credit cards, your cash, your phone—and, thanks to a wrist strap, it's literally the only thing you have to bring with you when you leave the house, or hit up that frat kegger, or whatever it is I was doing in college. The basic black is a classic, but the design's so elegant that you could definitely opt for a brighter color on this one.



Case-Mate Brushed Aluminum Case in Gunmetal
($50)
This steely case is the very portrait of sophistication, with its polished, minimalist design. It's slim and professional, with a three-piece snap-together design that keeps everything from getting too bulky. This isn't a good one to throw around the room, but it's great for bringing into a meeting. It seriously commands respect. What more can you ask for in a phone case?



Boostcase in Clear
($99.95)
Wow, this thing is cool. This shockingly slim case comes in two pieces: a sturdy snap case and a battery attachment you can slide and click into place on the back of your phone when the need strikes. There are a few lovely colors available, including a glowy gold, but I like the plain old clear one—you can see right through to your phone, which, you know, is kind of the star of this whole show anyway.



Incipio STOWAWAY [Advance]
($34.99)
Secrets are the best. Well, the fun ones, anyway. This case reminds me of those awesome bookshelves in Scooby Doo that would rotate to reveal—zoinks!—a secret passageway. You can stash your cash, cards, or other compact contraband in this case's trap door-like compartment. It also has a built-in kickstand (it's separate from the cash compartment), as well as a great grippy feel.



Snugg Leather Pouch Case
($17.99)
If you're of steady hand and really just want to get a little bit closer to that pretty, expensive phone you spent your hard-earned cash on, then you'll love this leather sleeve. It comes with a built-in elastic pull strap, which makes it easy to slide your phone out (which is good, because jimmying your phone out of its case every time you want to send a text does not look cool). A soft leather interior keeps your phone cozy. And did you see the price? This thing's a steal.



Speck CandyShell Grip
($40)
It's true that this sporty case has been around for a few versions of the iPhone, but it's so good that I wanted to make sure you knew it was out there. Believe me when I say it's really, truly a challenge to let this rubber-patterned grip case slip from your fingers. You pretty much have to try to drop it. And I love how the ridges form a mod pattern—talk about fashion meets function.



Rebecca Santiago is a New York-based writer and editor, with bylines at *Architectural Digest*, *Glamour*, *Bustle*, *Boston magazine*, and more. She is an alumna of Tufts University. Follow her on Twitter at @rebsanti.

Attention, Batman! Commissioner Gordon is calling. Gotham City needs your help again!

Create Talking Ringtones that Say Whatever You Type!

AUTO RING TONE



Available on the App Store

AUTORINGTONE.COM

Get the Award-winning App for Talking Calling ID in Dozens of Voices!

2008 Best App Ever Awards winner!

Reader's Choice 2012 About.com

Our Users have Created Over SEVEN MILLION RINGTONES and Counting!

Another Award-winning App From

NOTIE.net

iView



Hal, along with his wife Rita, founded *iPhone Life*'s original publishing company, Thaddeus Computing, in 1985. You can reach him at hal@thaddeus.com. Check out Hal's new book at meditatingentrepreneur.com.

iPhone 6 Plus Review: 9 Months Down the Road

It's one thing to like a product during the first few weeks of use—after all, there are new features to discover and a new design to admire—but the real test of success is how it holds up once all the hype has died down. I've used my iPhone 6 Plus every day since Apple released it last September, and my appreciation for the device has grown with time.

Finally, Enough Space & Power

Since I began writing about mobile technology in the 1990s, storage space and battery life shortages have been a challenge. Early handhelds, starting with HP Palmtop computers, solved these issues with removable memory cards and replaceable standard AA batteries. Those solutions were kludgy yet effective. Over the years, these problems have worsened as handhelds have become more self-contained. For years I've struggled with not having enough power or space for my apps, audio, and photos.



Now with my 128 GB iPhone 6 Plus, I never think about storage space or battery life. Thanks to iCloud and fast access to iPhone content, storage shouldn't be a problem for users with less built-in space. Perhaps the iPhone 6 Plus feature I appreciate the most is the large battery, which means no more strategizing to maintain sufficient power. In fact, sometimes I'm left at the end of the day with more than a 50 percent charge.

Design & Durability

The 5.5-inch crisp, gorgeous display means more useful and enjoyable apps, superior photo and video viewing, better e-book reading, more effective Internet browsing, and easier email writing. Several of my colleagues think that the phone is too large. Personally, I'd like to see an even bigger screen. I don't mind using two hands to navigate the device, and given its thinness, I find it less bothersome to carry it in my pocket than the thicker iPhone 5. I'm hard on my equipment. I don't use a case or screen protector, I often keep my iPhone in the same pocket as my keys, and I've even managed to drop my phone several times onto the cement floor in my garage. Through it all, my iPhone 6 Plus has worn better than any unit I've ever possessed. This is likely due to its design, made with anodized aluminum, stainless steel, and curved Gorilla glass. It still looks new and feels great.

Camera

Thanks to the optical image stabilization exclusive to the iPhone 6 Plus camera, the low-light performance is excellent. Recently, however, I noticed blurriness when using the video camera. I called Apple, and on warranty they agreed to send me a replacement unit before requiring me to mail mine back.

Big Sound

When in the car or in another noisy environment, I like to listen to podcasts without having to use headphones or an external speaker. Surprisingly, when turned up, the speakers on the iPhone 6 Plus are significantly louder than those on the original iPad Air (and have minimal distortion).

Bottom Line

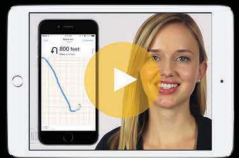
The 128 GB iPhone 6 Plus is a wonderfully designed and engineered piece of hardware and my favorite handheld device to date. After 9 months of use, I'm still satisfied with my purchase and have no qualms about recommending it to other users. For those looking for a bigger screen, the iPhone 6 Plus will be right up your alley.

iPhone Life

INSIDER

BECOME AN
IPHONE LIFE INSIDER

iphonelife.com/insider



1-Minute Video Tip
Every Day



In-Depth
Video Tutorials



Read *iPhone Life* Magazine
Anywhere



Unlimited Access
to Every Digital Issue



BONUS
Ask an Editor

Say Hello to Reliable Signal



zBoost Keeps You Connected!



zBoost, indoor cell phone signal boosters, are ***the*** solution to dropped calls and slow data.

Available online and at major retailers, including:

amazon.com BEST BUY.COM MICRO CENTER TigerDirect.com

Copywrited logos and images are the property of their respective owners

zBoost extending cell zones

www.zBoost.com